

**SEG**

# **Service Manual**

## **Video Cassette Recorder**

**SEG      VCR 2360**

**SEG      VCR 4360**

**SEG      VCR 5360**

**SEG      VCR 5361**

**ALL T - MECHA Hi-Fi / MONO  
Model (PAL / SECAM MODELS)**

**DV-T7C1/4C1/2C1 Series**

**DV-T7E1/4E1/2E1 Series**

**DV-T7M1/4M1/2M1 Series**

**DV-T7J1/4J1/2J1 Series**

**DV-T7D1/4D1/2D1 Series**

**DV-T7T1/4T1/2T1 Series**

**DV-T7W1/4W1/2W1 Series**

**DV-T7L1/4L1/2L1 Series**

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# SAFETY & PRECAUTIONS

## SAFETY CHECK AFTER SERVING

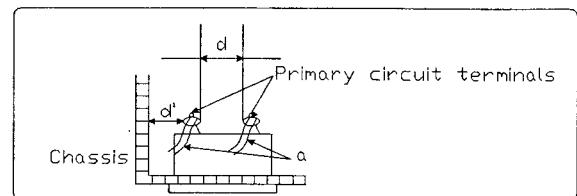
Examine the area surrounding the repaired location for damage or deterioration. Observe that screw, parts and wires have been returned to original positions. Afterwards, perform the following tests and conform the specified values in order to verify compliance with safety standards.

### 1. Insulation resistance test

Confirm the specified insulation resistance between power cord plug prong and externally exposed parts of the set (RF terminals, antenna terminals, video and audio input and output terminals, microphone jacks, earphone jacks, etc.) is greater than values given in table 1 below.

### 2. Dielectric strengthen test

Confirm specified dielectric strengthen between power cord plug prongs and exposed accessible parts of the set (RF terminals, antenna terminals, video and audio input output terminals, microphone jack, ear phone jacks, etc.) is greater than values given table 1.



### 3. Clearance distance

When replacing primary circuit component, confirm specified clearance distance (d), (d') between soldered terminals, and between terminals and surrounding metallic parts. See table below.

Rating for selected areas

AC Line Voltage	Region	Insulation Resistance	Dielectric Strength	Clearance Distance(d),(d')
100V	Japan	$\geq 1M\Omega/500V$ DC	1kV AC 1min.	$\geq 3$
110 to 130V	USA & Canada	-	900V AC 1min.	$\geq 3.2$
* 110 to 130V 200 to 240V	Europe Australia Latin America	$\geq 10M\Omega/500V$ DC	4kV AC 1min.	$\geq 6(d)$ $\geq 8(d')$ (a :Power cord)

\* : Class model only

## NOTE

This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality

**4. Leakage current test**

Confirm specified or lower leakage current between B(earth ground, power cord plug prongs) and externally exposed accessible parts (RF terminals, antenna terminals, video and audio input output terminals, microphone jacks, earphone jacks, etc.)

Measuring method:(Power ON) Insert load Z between B(earth ground, power cord plug prongs) and exposed accessible parts.

Use on AC voltmeter to measure across both terminals of load Z.

See figure2 and following table.

Leakage current ratings for selected are as

AC Line Voltage	Region	Load Z	Leakage Current(i)	Clearance Distance(d),(N)
100V	Japan	$\text{---} \text{---} \text{---}$ 1kΩ	$i \leq 1\text{mA rms}$	Exposed accessible parts
110 to 130V	USA & Canada	$\text{---} \text{---} \text{---}$ 15kμF 1kΩ	$i \leq 0.5\text{mA rms}$	Exposed accessible parts
110 to 130V 200 to 240V	Europe Australia	$\text{---} \text{---} \text{---}$ 2kΩ	$i \leq 0.7\text{mA peak}$ $i \leq 2\text{mA dc}$	Antenna earth terminals
		$\text{---} \text{---} \text{---}$ 50kΩ	$i \leq 0.7\text{mA peak}$ $i \leq 1\text{mA dc}$	Other terminals

**NOTE**

This table is unofficial and for reference only. Be sure to confirm the precise values for your particular country and locality.

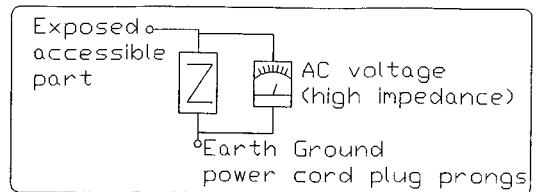
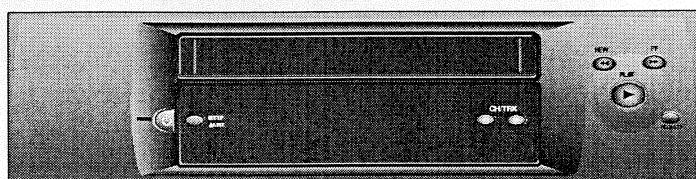


Fig.2

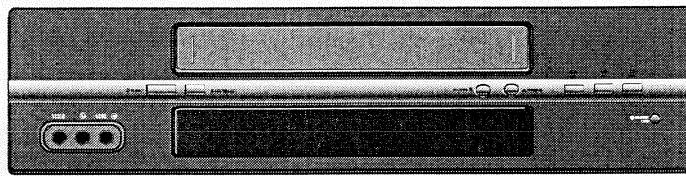
# EXTERNAL VIEWS

## 1. FRONT VIEWS FUNCTION

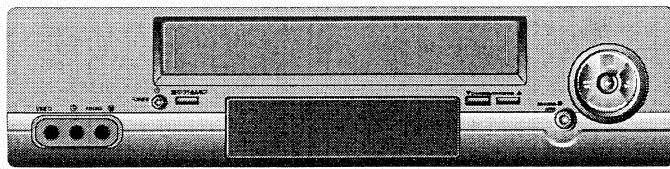
### DV-T7C1 FRONT VIEW



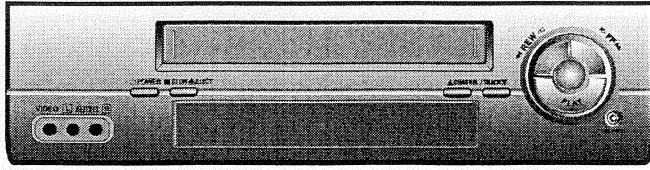
### DV-T7E1 FRONT VIEW



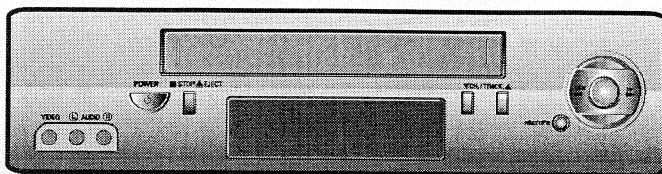
### DV-T7L1 FRONT VIEW



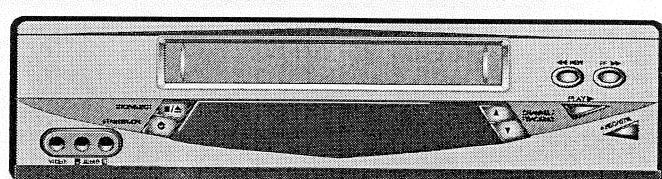
### DV-T7M1 FRONT VIEW



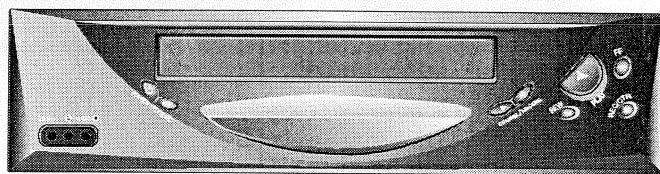
DV-T7J1 FRONT VIEW



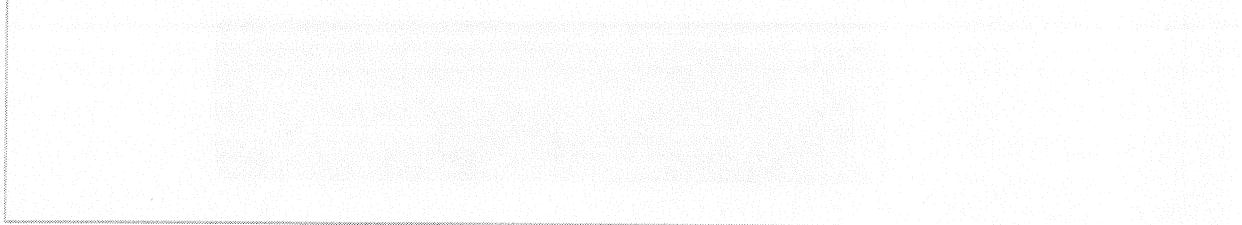
DV-T7D1 FRONT VIEW



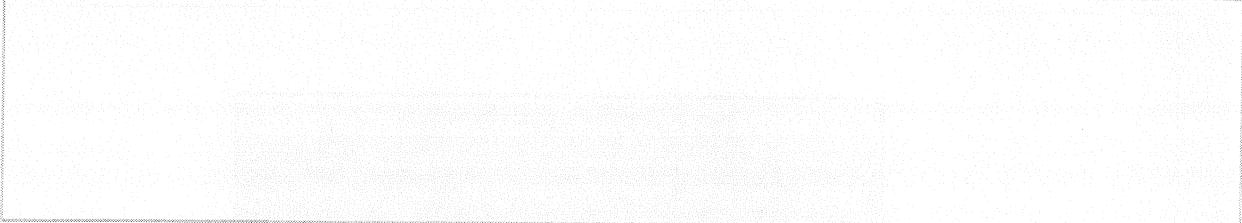
DV-T7B1 FRONT VIEW



DV-T8T1 FRONT VIEW



DV-T8W1 FRONT VIEW



POWER

STOP / EJECT

RECORD

FRONT VIDEO/AUDIO INPUT JACK

REWIND / REVIEW

FAST FORWARD / CUE

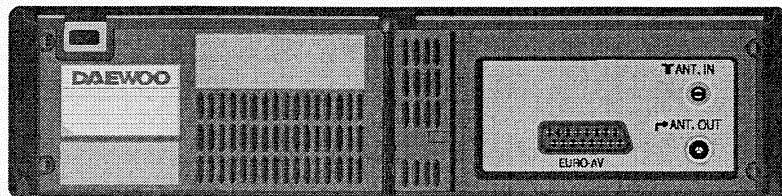
PLAY BACK

CHANNEL UP / DOWN

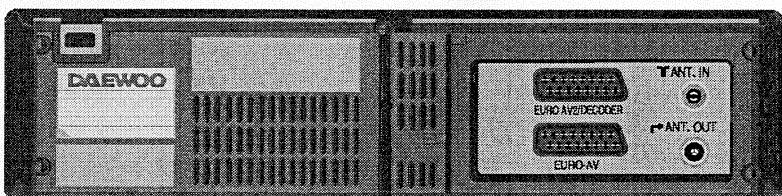
## EXTERNAL VIEWS

### 2. REAR VIEWS FUNCTION

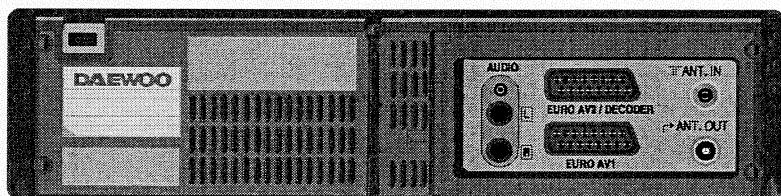
#### MONO 1 SCART TYPE REAR VIEW



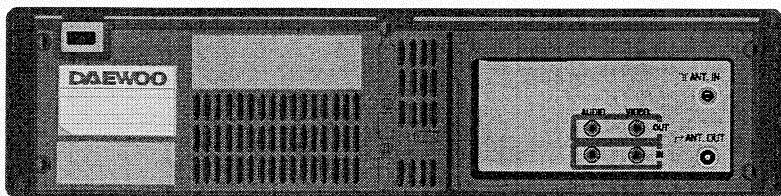
#### MONO 2 SCART TYPE REAR VIEW



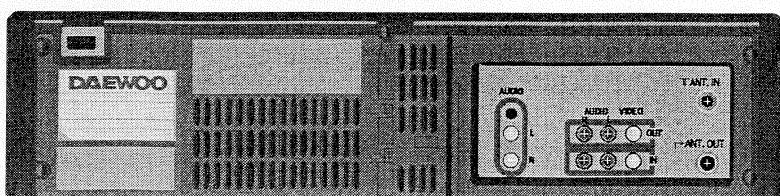
#### HI-FI 2 SCART TYPE REAR VIEW



#### MONO RCA TYPE REAR VIEW



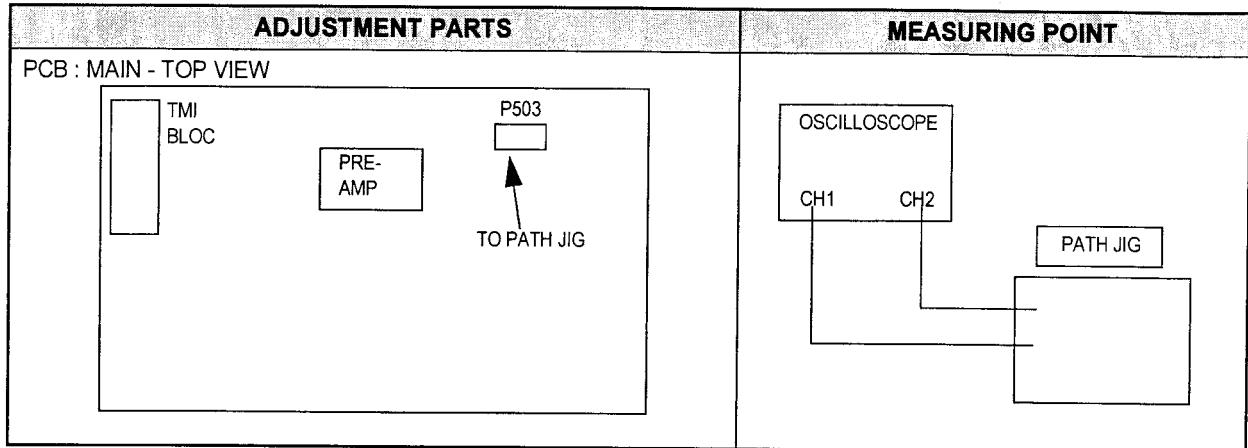
#### HI-FI RCA TYPE REAR VIEW



# ELECTRICAL ADJUSTMENT

## 1. PLAYBACK PHASE

ITEM	MODE	ADJUSTMENT POINT	CHECK POINT	TEST EQUIPMENT	TEST TAPE	INPUT SIGNAL
6.5H ADJUSTMENT	PLAY	[REC] BUTTON	PIN 4 & PIN 5 OF P504	OSCILLOSCOPE	DP-2	NO SIGNAL



## ADJUSTMENT PROCEDURE

1. Play back the test tape. (DP-2)
2. Set the oscilloscope to the CHOP mode. Connect CH1 to the SW PULSE (PIN 4 of P504)
3. Connect CH2 to the ENVE signal (PIN5 of P504)
4. Insert PATH JIG and press "REC" button on the remote control.
5. Check the position of the V-sync from the rising edge of the SW pulse.  
(Standard :  $6.5H \pm 0.5H$ )

# SPECIFICATIONS

## GENERAL

Power Requirement	AC 230V, 50Hz
Power Consumption	Max. 17W (in REC mode)
Temperature	5°C ~ 35°C (Operating) -20°C ~ 60°C
Operating position	Horizontal only
Dimensions (W x H x D)	360 x 90 x 288 (mm)
Weight	Approx. 3.85 Kg
Format	VHS standard
Tape Width	12.65mm
Tape Speed	(SP) : 23.98mm/sec (LP) : 11.70mm/sec
Maximum Recording Time with full-size cassette	(SP) : 240min, with E-240 video cassette (LP) : 480min, with E-240 video cassette

## VIDEO

Signal system	PAL/SECAM colour and CCIR monochrome signals, 625 lines/50 fields
Recording system	Rotary two-head helical scan with a slant double-azimuth combination video head
Input	1.0Vp-p, 75ohms, unbalanced
Output	1.0Vp-p, 75ohms, unbalanced
Signal-to-Noise ratio	45dB (Rhode & Schwarz noise meter) with NETTETE IMAGE control at center position
Horizontal resolution	240 lines with NETTETE IMAGE control at center position

## AUDIO

Recording system	Longitudinal track
Input	-8dBm, (CENELEC standard), more than 47 k-ohms, unbalanced
Output	-6dBm, (CENELEC standard), less than 1k-ohms, unbalanced(100k-ohms, load)
Frequency Range	100Hz to 8,000Hz
Signal to Noise Ratio	More than 38dB
Audio Distortion	Less than 3% (SP)

## TUNER

Tuning system	Voltage synthesized tuner Programmable V/S 99CH (Hyper band)
RF Output	UHF channel 21~69 (52)

## TIMER

Memory programmable	99 CH
Back up time	Less than 1 Hour
Clock exactness	In accordance with the exactness of power supply frequency (50Hz)

## ACCESSORIES

Provided Accessories	Remote control unit, RF Cable, Battery
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\* Design and specification can be subjected to change without notice.

## CHANNEL COVERAGE

<b>SYSTEM</b>	SECAM-L PAL, SECAM-B/G, PAL-I/I PAL, SECAM-B/G, D/K, HYPER BAND	PAL-I
<b>CHANNEL</b>	VHF Ch 2~12 UHF Ch 21~69 CATV Ch X,Y,Z S1~S41	UHF Ch 21~69

## INPUT/OUTPUT JACK TYPE

<b>Model</b>	EUROPE	Asia, South Africa, Australia
<b>Jack Type</b>	SCART Type	RCA Jack (Phone Jack)

# VOLTAGE CHART

**SECAM.L IC**  
(IC361, LA7358M)

PIN NO.	REC	PB
1	2.5	2.5
2	2	2
3	4	4
4	-	-
5	0	0
6	3	3
7	0	0
8	0	0
9	2.6	2.6
10	2.6	2.6
11	2.4	2.4
12	2.6	0
13	4.4	4.4
14	2.6	2.6
15	3	2
16	2.8	2.8
17	0	5.1
18	0	2.6
19	2.1	2.1
20	2.3	2.3
21	2.6	2.6
22	2.6	2.6
23	5	5
24	5	5
25	3	3
26	3	3
27	4.5	2.8
28	4.5	0.1
29	-	-
30	-	-

**PDC/VPS IC**  
(IC151, LC74793)

PIN NO.	REC	PB
1	0	0
2	2.64	2.68
3	2.68	2.72
4	0	0
5	0	0
6	3.7	3.7
7	3.9	3.9
8	4.98	5.12
9	0	4.74
10	0	0
11	1.63	3.18
12	1.63	3.18
13	0.82	1.35
14	0.01	0.01
15	5.09	5.12
16	2.75	3.02
17	2.55	2.57
18	4.67	4.72
19	5.01	5.02
20	4.99	5.06
21	0	0
22	3.74	3.79
23	5.05	5.11
24	5.08	5.13

**EEPROM**  
(IC503, ATM24C16)

PIN NO.	REC	PB
1	0	0
2	0	0
3	0	0
4	0	0
5	3.9	3.9
6	3.9	4
7	0	0
8	5.24	5.29

**MOTOR DRIVE IC**  
(IC502, KA3082)

PIN NO.	REC	PB
1	0	0
2	0.55	0.55
3	8.78	0.88
4	6.24	6.24
5	0.01	0.01
6	0.01	0.01
7	12.12	11.74
8	12.12	11.74
9	0.91	0.91
10	0.55	0.55

## VOLTAGE CHART

### A/V ICHIP IC (IC301, LA71598M)

PIN NO.	REC	PB	PIN NO.	REC	PB	PIN NO.	REC	PB	PIN NO.	REC	PB
1	2.5	2.5	26	0	-	51	1.9	1.9	76	2.5	2.5
2	2.5	2.5	27	-	-	52	2.4	2.4	77	-	0
3	2.5	2.5	28	-	-	53	0	0	78	2.5	2.5
4	2.5	2.5	29	0.8	0.8	54	2.4	2.4	79	2.5	2.5
5	2.5	2.5	30	0	1.0	55	5.0	5.0	80	2.5	2.5
6	2.5	2.5	31	2.1	2.1	56	0.5	0.5	81	0	0
7	2.5	2.5	32	1.8	1.8	57	3.4	3.4	82	4.1	1.8
8	0	0	33	2.0	2.0	58	5.0	5.0	83	0	0
9	0	0	34	1.8	1.8	59	3.4	3.4	84	4.1	1.8
10	-	-	35	3.5	3.5	60	3.5	3.5	85	4.1	1.8
11	-	-	36	1.8	1.8	61	3.3	3.3	86	0	0
12	-	-	37	4.9	4.9	62	3.5	3.5	87	5.0	5.0
13	1.5	1.5	38	1.8	1.8	63	4.0	4.0	88	4.1	1.8
14	1.7	1.5	39	4	4	64	2.2	2.2	89	0	0
15	2.2	2.2	40	5	5	65	2.4	2.4	90	4.1	1.8
16	5	5	41	2.7	2.7	66	2.8	2.8	91	4.1	1.8
17	0.05	3	42	3.0	-	67	4.0	4.0	92	1.6	-
18	2.1	1.8	43	1.9	1.9	68	0	0	93	-	-
19	2.1	2.1	44	-	-	69	2.0	2.0	94	0.7	0.5
20	2.8	2.8	45	1.8	1.8	70	2.0	2.0	95	0	0
21	2.1	2.1	46	1.9	1.9	71	2.5	2.5	96	2.5	2.5
22	0	0	47	2.0	2.0	72	2.5	0.3	97	0	0
23	-	-	48	2.3	2.3	73	2.5	2.5	98	2.5	2.5
24	-	-	49	1.2	1.2	74	-	2.0	99	4.3	5.0
25	1.8	1.8	50	0	0	75	5	5	100	2.5	2.5

### A/V SW IC (IC601, LA7148M)

PIN NO.	REC	PB									
1	3	3	10	6	6	19	0	0	28	2.8	2.8
2	12	12	11	0	0	20	6	6	29	2	2
3	3	3	12	6	6	21	6	6	30	3	3
4	12	12	13	0	0	22	6	6	31	2	2
5	3	3	14	6	6	23	6	6	32	-	-
6	6	6	15	0	0	24	6	6	33	-	-
7	6	6	16	6	6	25	6	6	34	0	0
8	6	6	17	0	0	26	6	6			
9	0	0	18	0	0	27	6	6			

## VOLTAGE CHART

### HI-FI IC (IC251, TDA9605H)

PIN NO.	REC	PB									
1	0	0	12	0	0.03	23	3.85	3.81	34	9.42	9.36
2	3.81	3.81	13	3.83	3.83	24	3.86	3.77	35	4.21	0.53
3	3.81	3.81	14	0	0	25	3.86	3.85	36	4.2	0.53
4	0	0	15	3.33	3.31	26	0.74	0.7	37	4.18	0.53
5	0	0	16	4.56	4.56	27	0	0	38	4.2	0.17
6	3.81	3.81	17	4.55	4.56	28	3.82	3.82	39	0	0
7	3.81	3.81	18	3.31	3.29	29	3.85	3.82	40	5.05	5.09
8	3.81	3.81	19	4.56	4.56	30	0.72	0.7	41	0.93	0.94
9	3.81	3.81	20	4.56	4.56	31	3.86	3.81	42	3.75	3.7
10	3.81	3.81	21	4.56	4.56	32	3.86	3.79	43	3.95	4
11	3.81	3.81	22	3.81	3.81	33	3.86	3.77	44	1.74	2.1

### NICAM IC (IC051, MSP3417DQ)

PIN NO.	EE	PIN NO.	EE
1	0.03	27	0
2	2.29	28	0
3	0.01	29	0
4	0.01	30	3.69
5	0	31	3.7
6	4.95	32	0
7	3.95	33	8.25
8	3.7	34	6.57
9	0	35	0
10	0	36	3.66
11	0	37	0
12	0	38	0
13	0	39	3.68
14	0	40	3.68
15	0	41	3.68
16	4.95	42	3.68
17	0	43	2.54
18	0.01	44	3.69
19	0	45	0
20	5.1	46	4.92
21	0	47	1.5
22	0	48	1.5
23	0	49	0

### A2 IC (MSP3407DQ)

PIN NO.	EE	PIN NO.	EE
1	0.01	27	0
2	0	28	0
3	0.01	29	0
4	0.01	30	3.72
5	0	31	3.73
6	5.02	32	0
7	3.6	33	8.15
8	3.3	34	6.47
9	2.47	35	0
10	2.46	36	3.68
11	2.43	37	0
12	0.02	38	0
13	0.03	39	3.71
14	0.02	40	3.71
15	0.02	41	3.71
16	5.02	42	3.71
17	0	43	2.57
18	0.02	44	3.72
19	0.01	45	0
20	5.12	46	4.98
21	0	47	1.51
22	0	48	1.51
23	0	49	0

## VOLTAGE CHART

PIN NO.	EE	PIN NO.	EE
24	1.66	50	0
25	1.69	51	2.32
26	0	52	2.26

PIN NO.	EE	PIN NO.	EE
24	1.69	50	0
25	1.7	51	2.35
26	0	52	2.27

## TMI (RF101, LGTMI-SLQ1-S)

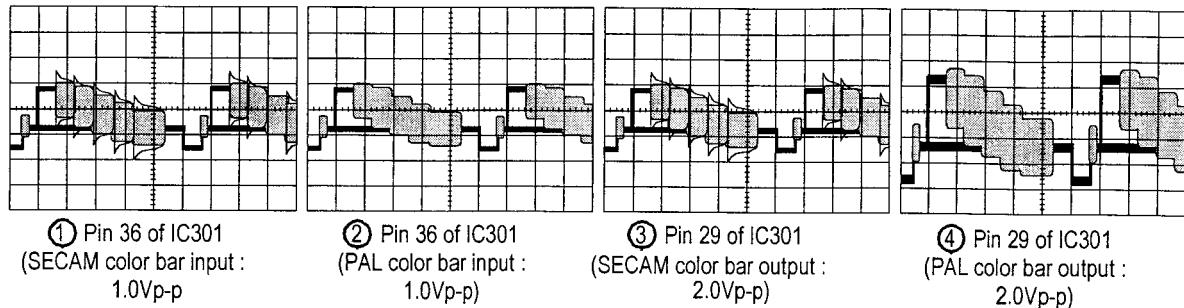
PIN NO.	REC	PB	PIN NO.	REC	PB	PIN NO.	REC	PB	PIN NO.	REC	PB
1	4.83	4.9	7	31.9	31.9	13	4.9	0	19	1.08	0
2	0	0	8	1.91	0	14	4.9	0	20	0.23	0.03
3	3.7	3.7	9	0	0	15	0	0	21	2.43	0
4	4.85	4.9	10	0	0	16	31.9	31.9	22	2.01	0.01
5	4	3.9	11	3.9	4	17	0	0	23	2.69	0
6	0	0	12	3.7	3.7	18	0	0	24	2.74	0

## REGULATOR IC (IC802, KA431AZ)

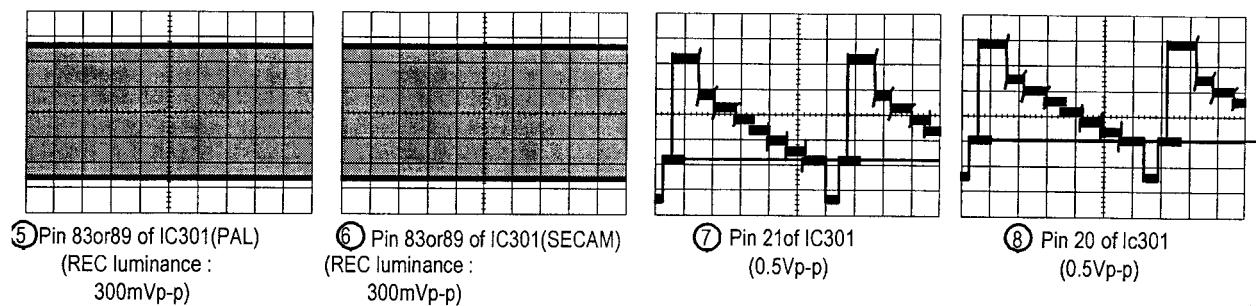
PIN NO.	REC	PB
1	2.49	2.49
2	0	0
3	4.82	4.82

# WAVEFORMS ON VIDEO CIRCUIT

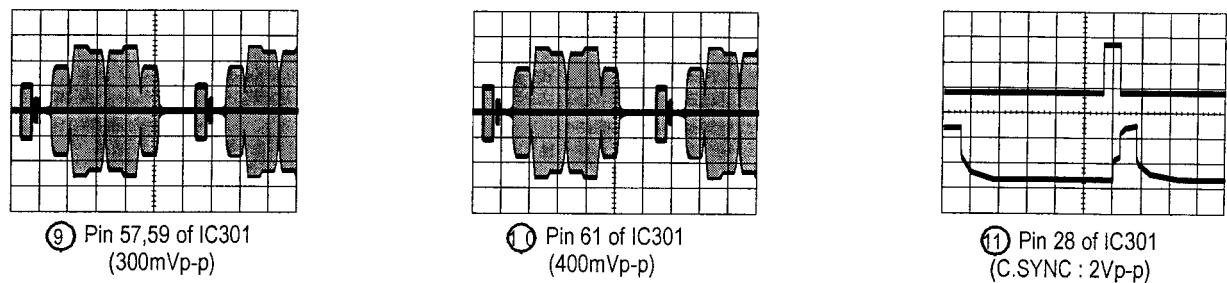
## 1. WAVEFORMS IN THE EE MODE(COLOR BAR INPUT)



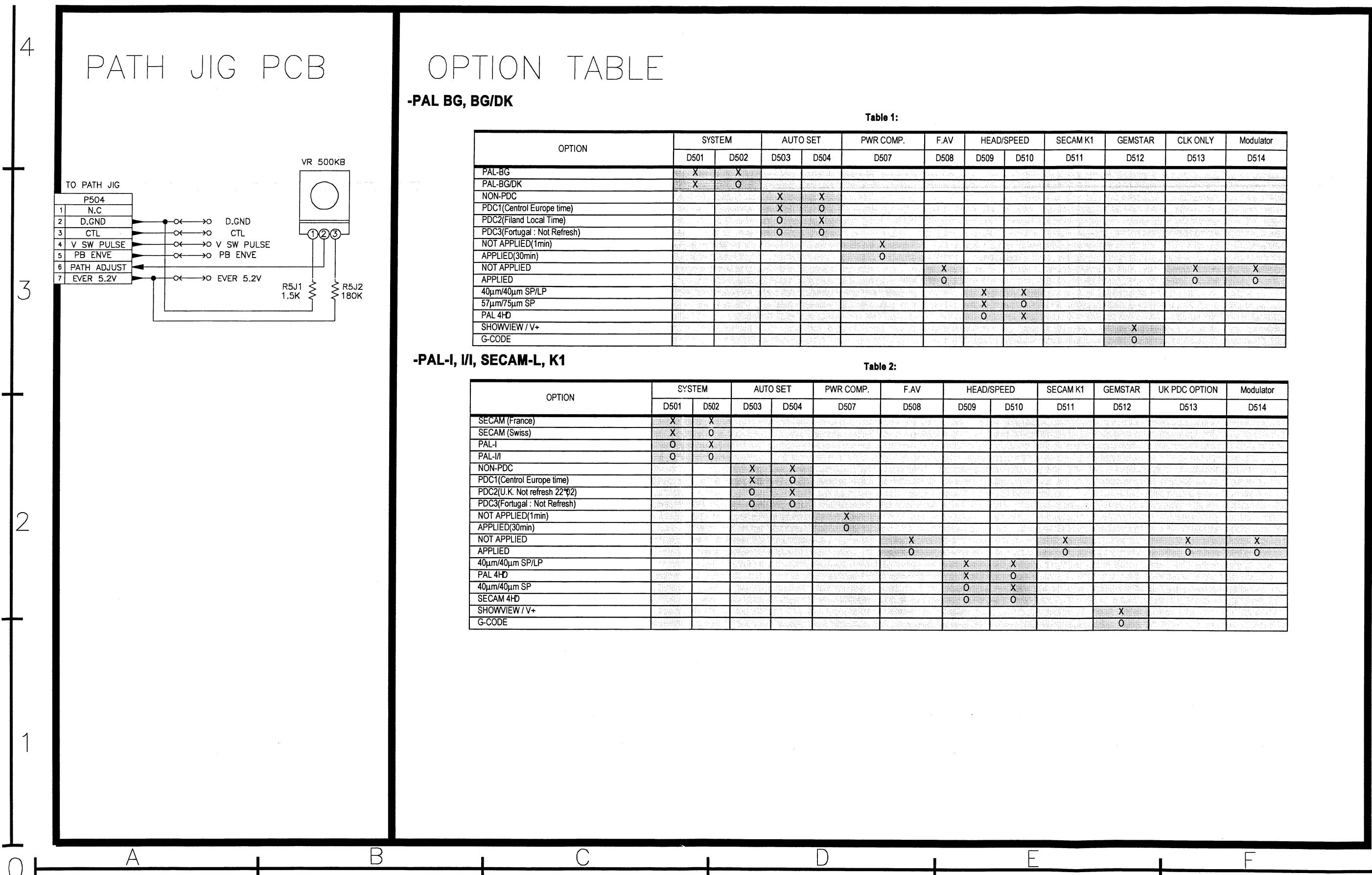
## 2. WAVEFORMS OF THE LUMINANCE IN THE RECORD MODE(COLOR BAR INPUT)



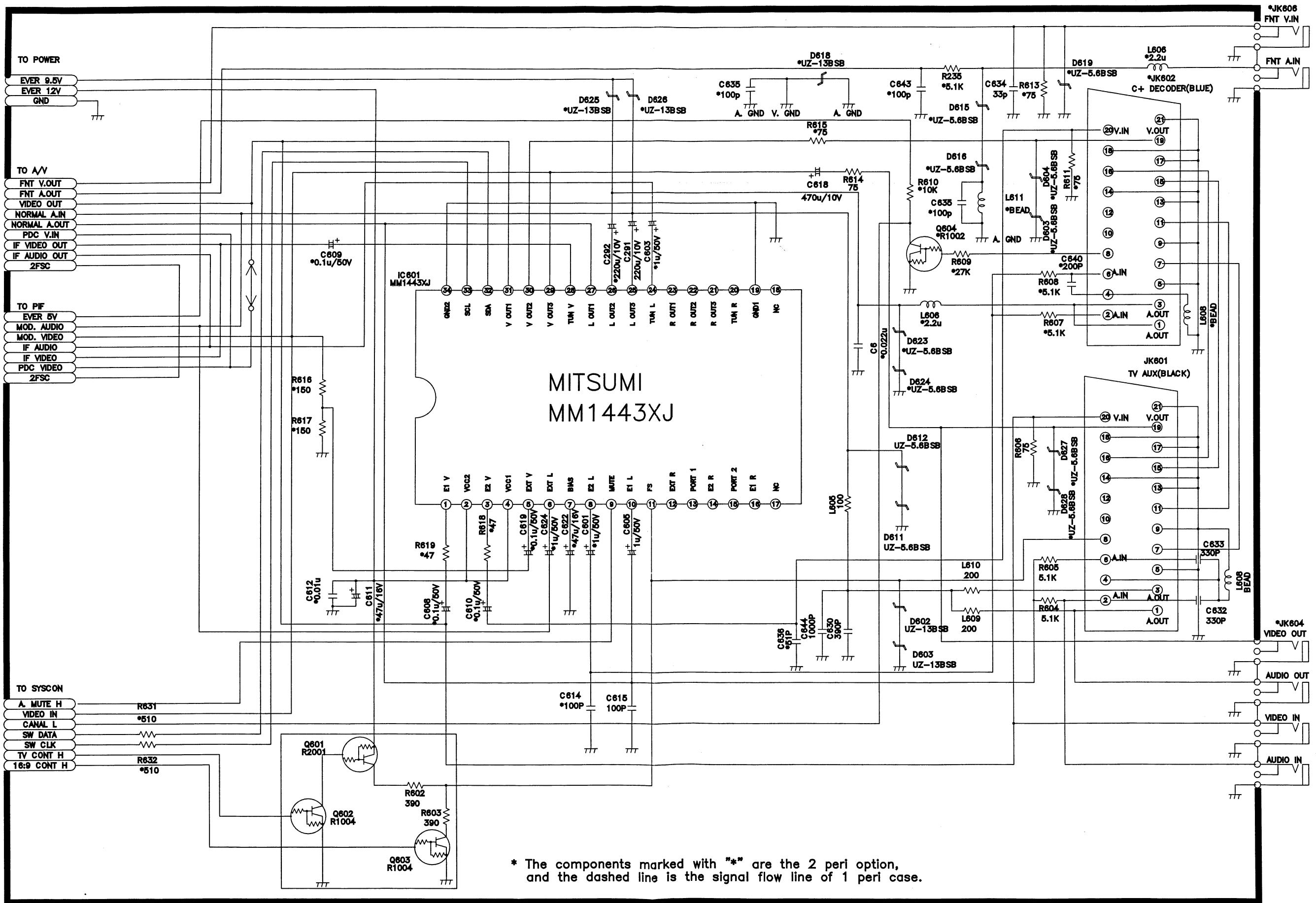
## 3. WAVEFORM OF THE PAL COLOR IN THE RECORD MODE(COLOR BAR INPUT)



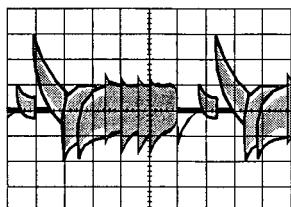
## 8. SHUTTLE / PATH JIG CIRCUIT DIAGRAM



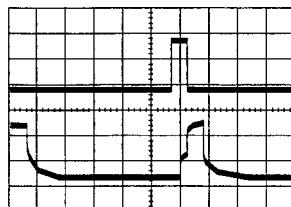
## SW CIRCUIT DIAGRAM



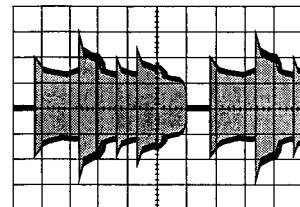
4. WAVEFORM OF THE SECAM COLOR IN THE RECORD MODE(COLOR BAR INPUT)



⑫ Pin 16 of IC361  
(SECAM color input :  
1.0Vp-p)

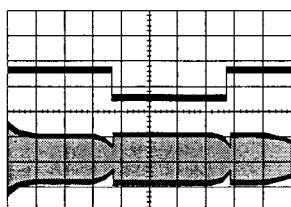


⑬ Pin 28 of IC301  
(C.SYNC : 2Vp-p)

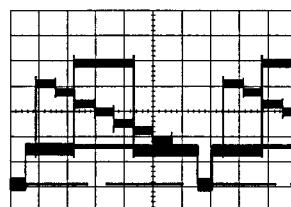


⑭ Pin 12 of IC361  
(200mVp-p)

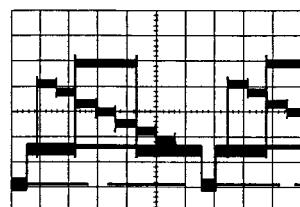
5. WAVEFORMS OF THE LUMINANCE IN THE PB MODE (DP-1 TEST TAPE)



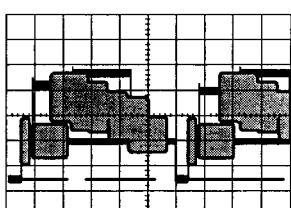
⑮ UP : Pin 11 of IC301(color  
rotary : 1Vp-p  
DOWN : Pin 74 of IC301  
(ENVE : 0.5Vp-p)



⑯ Pin 46 of IC301  
(0.5Vp-p)



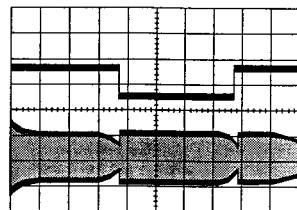
⑰ Pin 41 of IC301  
(0.5Vp-p)



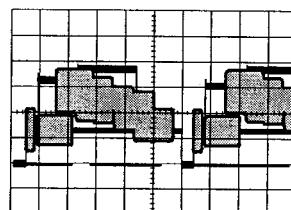
⑱ Pin 29 of IC301  
(Video out : 2.0Vp-p)

## WAVEFORMS ON VIDEO CIRCUIT

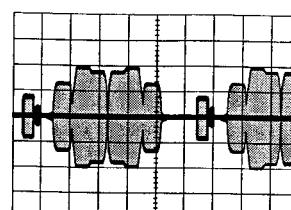
### 6. WAVEFORMS OF THE PAL COLOR IN THE PB MODE (DP-1 TEST TAPE)



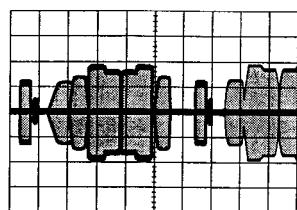
⑯ UP : Pin 11 of IC301 (color  
rotary : 0.5Vp-p)  
DOWN : Pin 74 of IC301  
(500mVp-p)



⑯ Pin 29 of IC301  
Video out: 2.0Vp-p

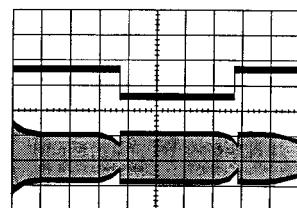


⑯ Pin 57,59 of IC301  
(240mVp-p)

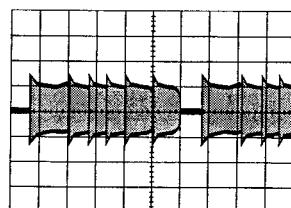


⑯ Pin 61 of IC301  
(300mVp-p)

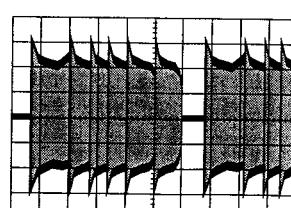
### 7. WAVEFORMS OF THE SECAM COLOR IN THE PB MODE (DS-1 TEST TAPE)



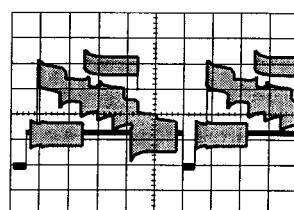
⑯ UP : Pin 11 of IC301 (color  
rotary : 0.5Vp-p)  
DOWN : Pin 74 of IC301  
(PB color ENVE : 400mVp-p)



⑯ Pin 18 of IC361  
(400mVp-p)



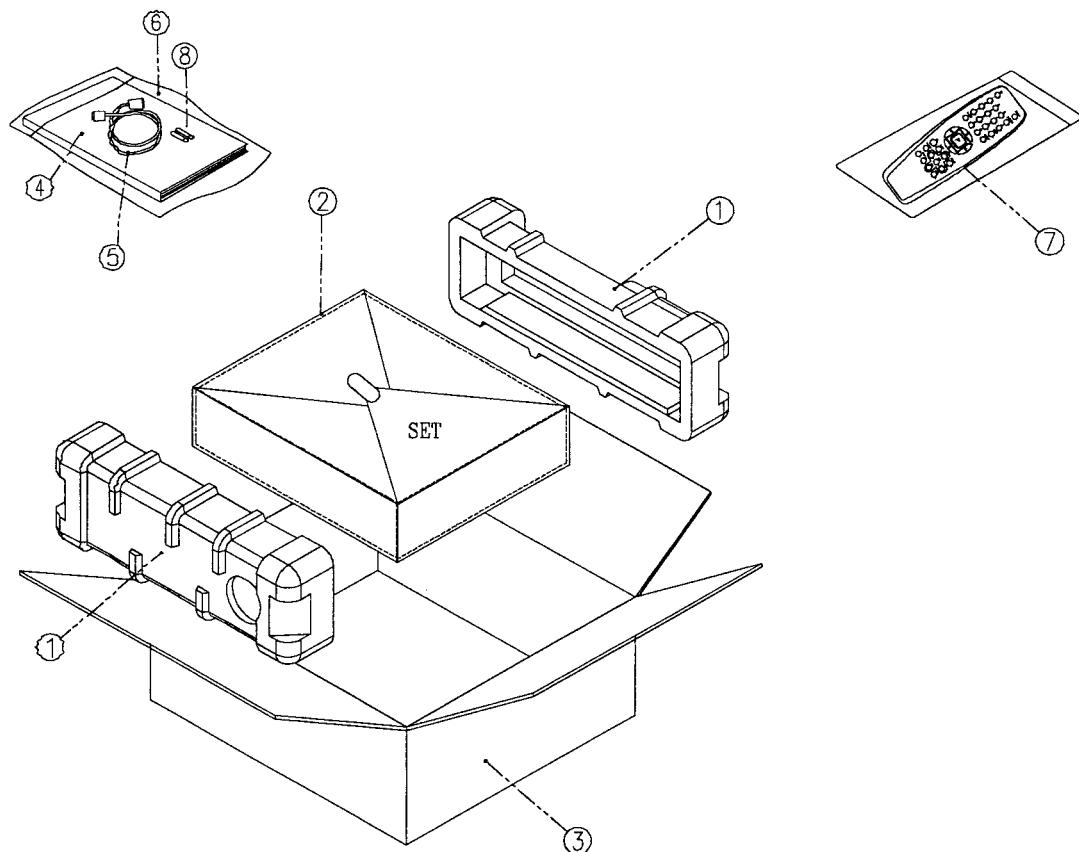
⑯ Pin 72 of IC301  
(280mVp-p)



⑯ Pin 29 of IC301  
(SECAM video out :  
2.0Vp-p)

# DISASSEMBLY

## 1. PACKING ASSY

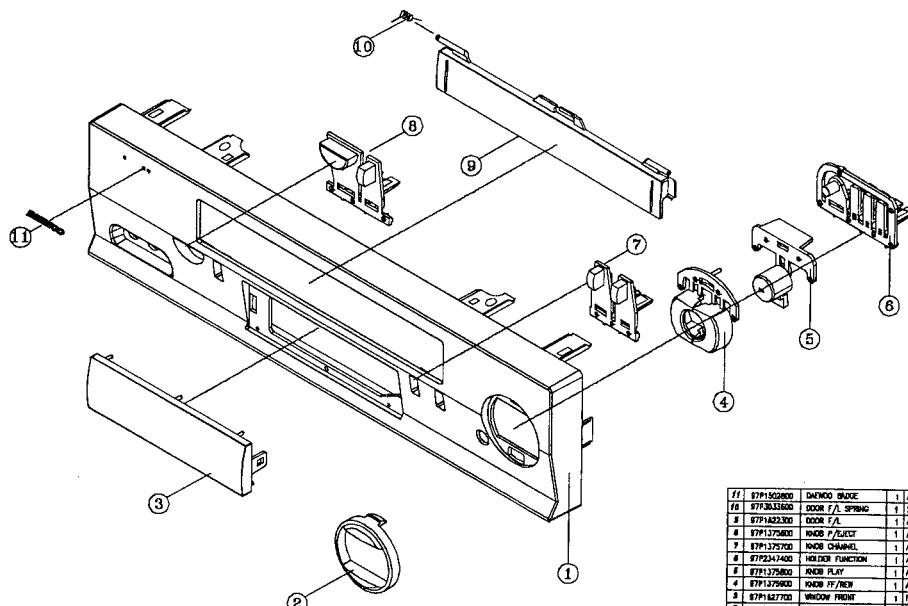


7	BATTERY	486A716202	2	AAA 1.5 V (SUPERCARD)	
7	REMOCON HANDSET AS	97P1R2TAA1	1	VR-F2TA	
6	COVER ACCESSORY	97P0424100	1	LD-PE T0.1	
5	CABLE RF	97P881RP10	1	PAL 1.0M	
4	MANUAL OWNERS	97P9560000	1	ALL MODEL	
3	BOX CARTON	97P5051900	1	(SC260+K200)*K200*EX225	
2	POLY BAG FOR SET	97P4808500	1	P.E FOAM(800*800*T0.5)	
1	PART NAME PAD FRONT/BACK	PART NO. 97P4930000	QUANTITY 1	MATERIAL EPS	REMARK

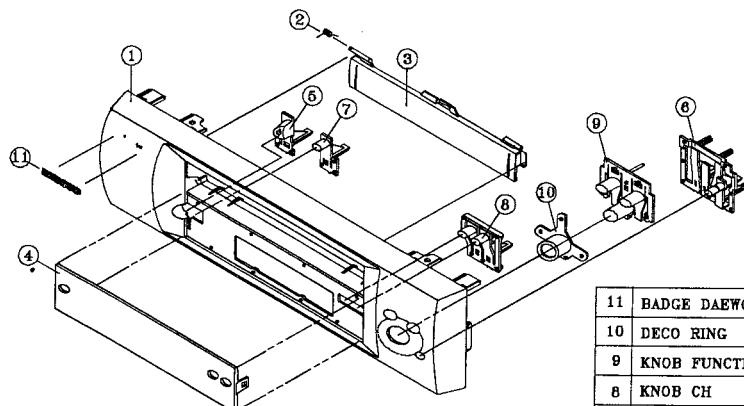
## DISASSEMBLY

### 2. FRONT PANEL ASSEMBLY

#### DV-T7J1 SERIES



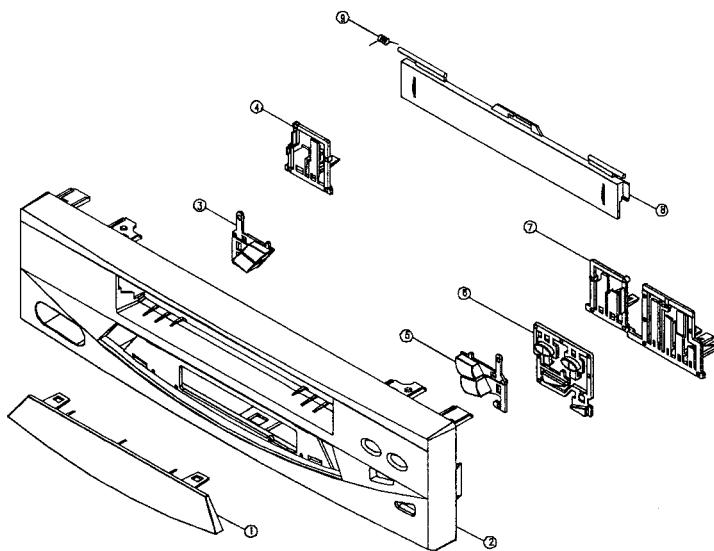
#### DV-T7C1 SERIES



11	BADGE DAEWOO	97P1505500	1	AL	
10	DECOR RING	97P1002000	1	ABS	
9	KNOB FUNCTION	97P1375000	1	ABS	
8	KNOB CH	97P1374900	1	ABS	
7	KNOB EJECT	97P1376000	1	ABS	
6	HOLDER FUNCTION	97P2347300	1	ABS	
5	KNOB POWER	97P1374800	1	ABS	
4	WINDOW FRONT	97P1827500	1	ABS	
3	DOOR F/L	97P18222300	1	ABS	
2	SPRING F/L DOOR	97P3033600	1	SWPB 5088N	ADARK
1	PANEL FRONT	97P0324100	1	HI-PS(HB)	

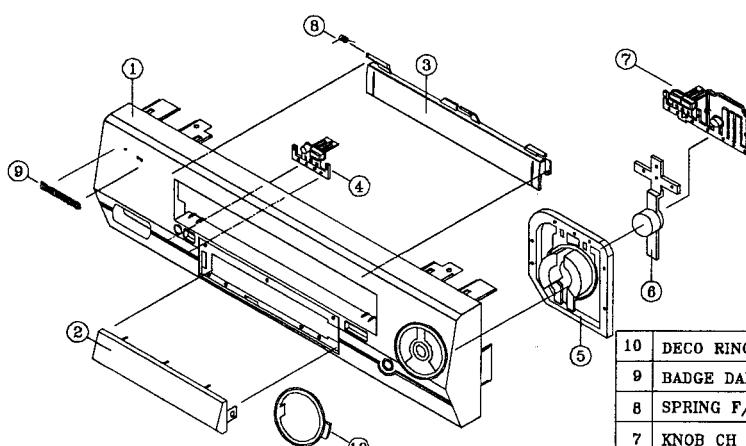
## DISASSEMBLY

### DV-T7D1 SERIES



NO.	PART No.	PART NAME	QUANTITY	MATERIAL	REMARK
9	97P3033600	SPRING DOOR F/L	1	AL	
8	97P1822300	DOOR F/L	1	SWPB 508BN	
7	97P1374000	KNOB HOLDER R	1	ABS	
6	97P1373600	KNOB FUNCTION	1	ABS	
5	97P1373800	KNOB CHANNEL	1	ABS	
4	97P1373900	KNOB HOLDER L	1	ABS	
3	97P1373700	KNOB POWER	1	ABS	
2	97P0323810	PANEL FRONT	1	HIPS(VO)	
1	97P1627200	WINDOW FRONT	1	PMMA	
No.	PART No.	PART NAME	QUANTITY	MATERIAL	REMARK

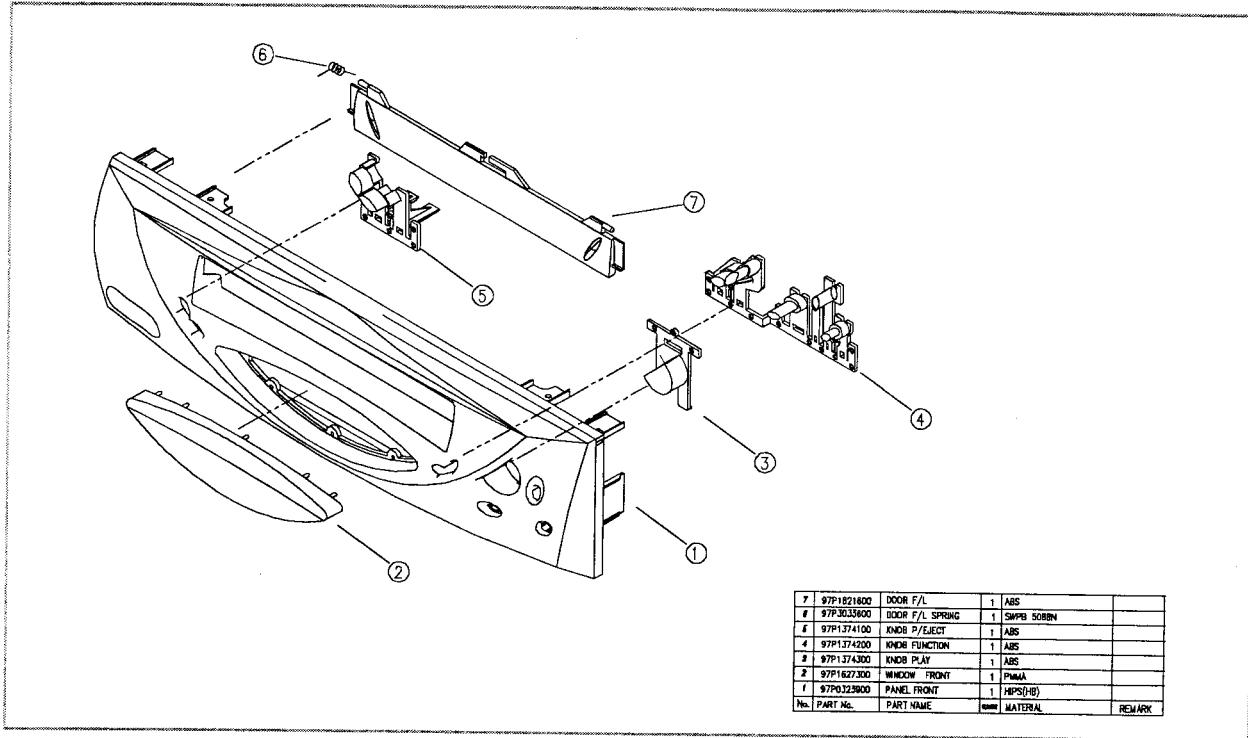
### DV-T7L1 SERIES



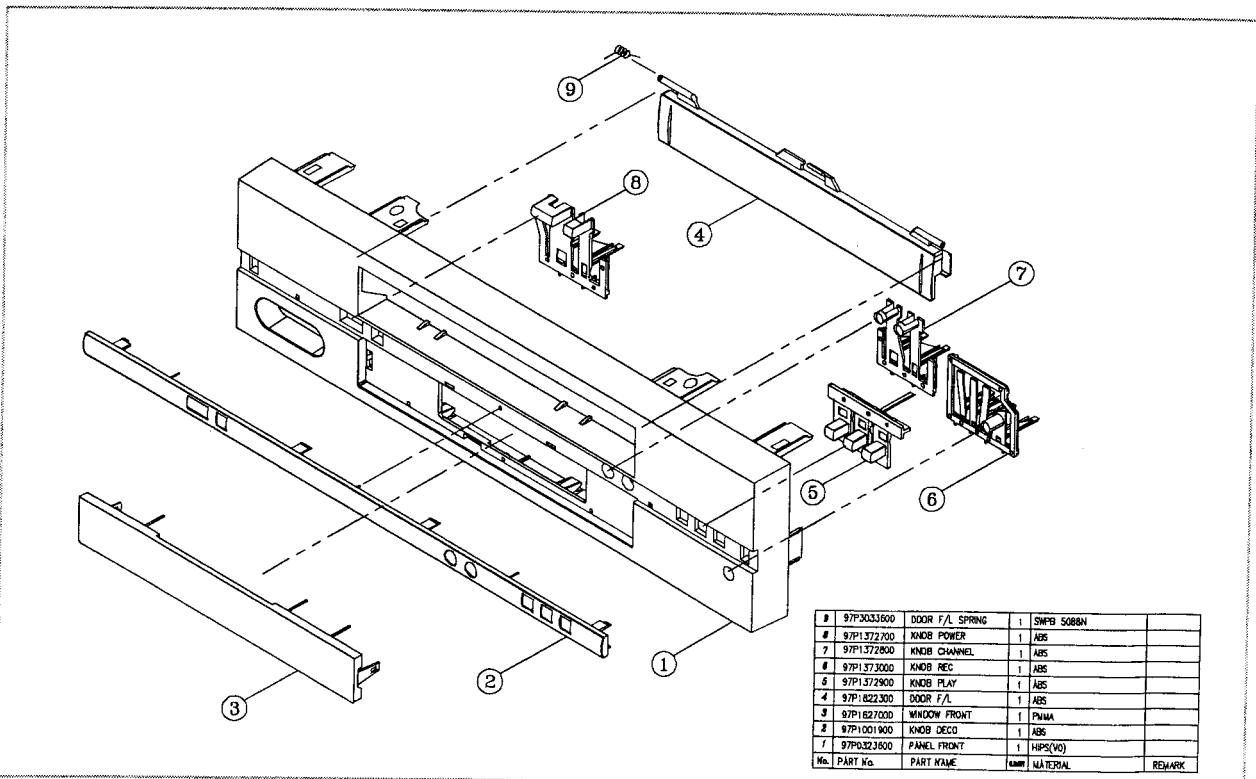
NO.	PART NAME	PART NO.	QUANTITY	MATERIAL	REMARK
10	DECOR RING	97P1002300	1	ABS	
9	BADGE DAEWOO	97P1502800	1	AL	
8	SPRING F/L DOOR	97P3033600	1	SWPB	
7	KNOB CH	97P1376400	1	ABS	
6	KNOB PLAY	97P1376300	1	ABS	
5	KNOB FUNCTION	97P1376200	1	ABS	
4	KNOB P/EJECT	97P1376100	1	ABS	
3	DOOR F/L	97P1822300	1	ABS	
2	PART NAME WINDOW FRONT	PART NO. 97P1627800	1	PMMA	REMARK
1	PART NAME PANEL FRONT	PART NO. 97P0324300	1	HI-PS(HB)	REMARK

## DISASSEMBLY

### DV-T7B1 SERIES

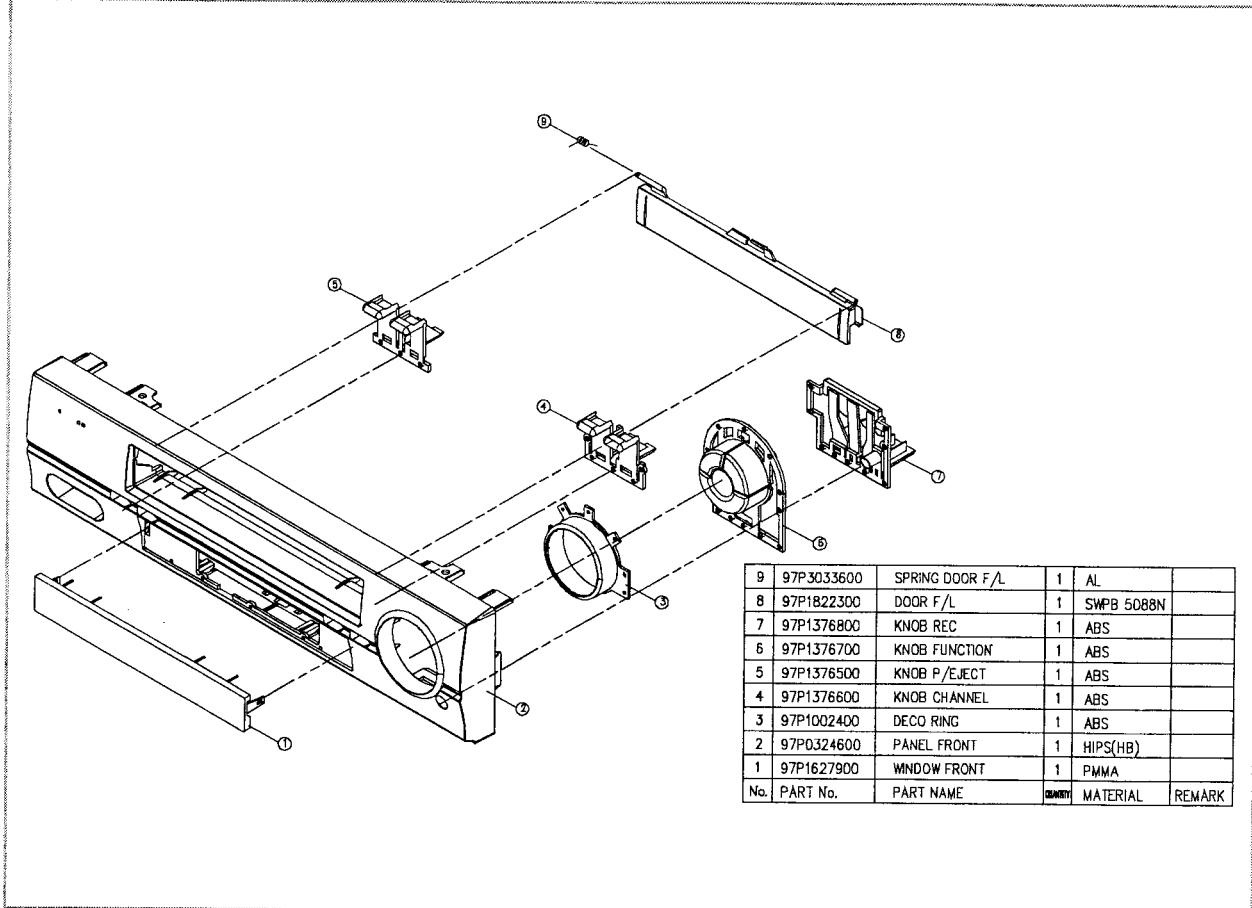


### DV-T7E1 SERIES



## DISASSEMBLY

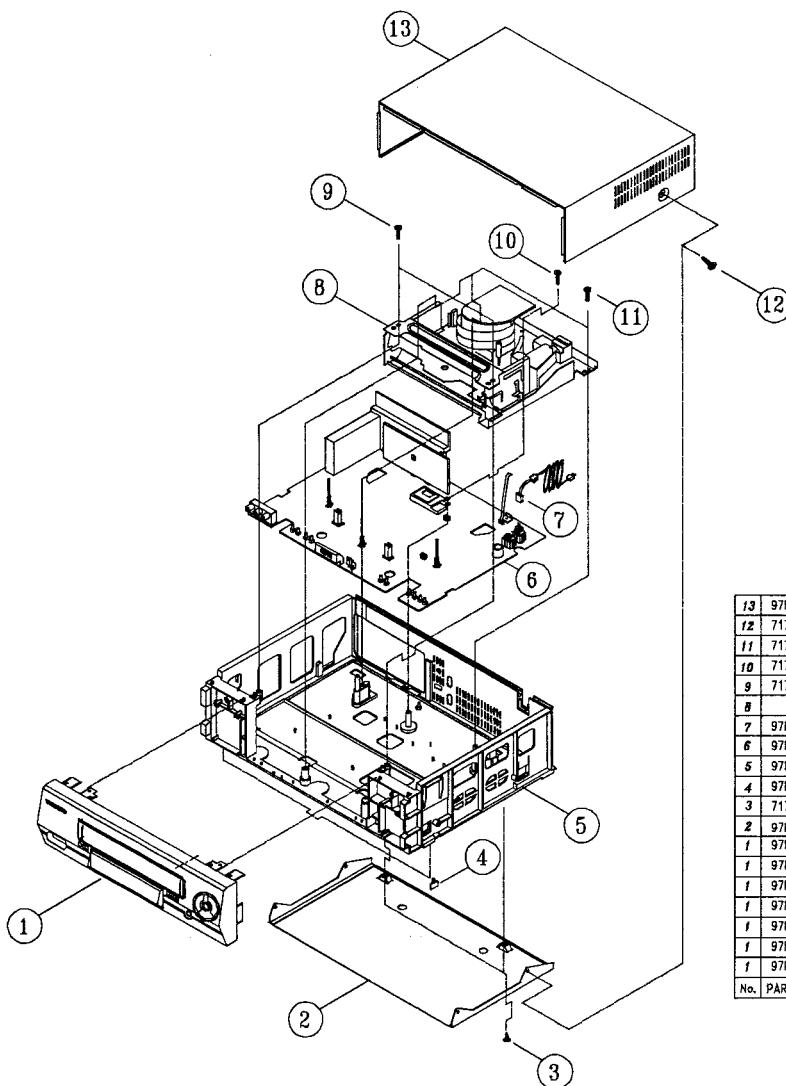
### DV-T7M1 SERIES



## DISASSEMBLY

### 3. INSTRUMENT DISASSEMBLY

#### 3-1. SET TOTAL



No.	PART No.	PART NAME	UNIT	MATERIAL	REMARK
13	97PD474000	COVER TOP	1	PCM T0.5	
12	7173401212	SCREW TAPPITITE	2	TT2 BIN 4X12 MFZN BK	COVER TOP FIX
11	7173401211	SCREW TAPPITITE	3	TT2 BIN 4X12 MFZN	DECK FIX
10	7174301011	SCREW TAPPITITE	1	TT2 RND 3X10 MFZN	P/AMP FIX
9	7173401211	SCREW TAPPITITE	2	TT2 BIN 4X12 MFZN	F/A FIX
8	97P6923101	DECK TOTAL AS	1	KKP-419C 0.75MM 2100MM	EURO
7	97P6923101	PCB POWER AS	1	KKP-419C 0.75MM 2100MM	EURO
6	97P6111301	PCB MAIN MANUAL AS	1		
5	97P6111301	CHASSIS MAIN	1	HIPS(HG)	
4	97P0800602	LEG	2	PLASTOMER	
3	7174301011	SCREW TAPPITITE	2	TT2 RND 3X10 MFZN	C/NOTCH FIX
2	97P0478600	COVER BOTTOM	1	SECC T0.4	
1	97PP323900	PANEL FRONT AS	1	DV-TBB10	
1	97PP323600	PANEL FRONT AS	1	DV-TBE10	
1	97PP324600	PANEL FRONT AS	1	DV-TBM10	
1	97PP324500	PANEL FRONT AS	1	DV-TJ10	
1	97PP323800	PANEL FRONT AS	1	DV-TBD40	
1	97PP324100	PANEL FRONT AS	1	DV-T4C	
1	97PP324300	PANEL FRONT AS	1	DVST7L10	

# ELECTRICAL PARTS LIST

"®" is a recommendable part for essential stock.

## 1. PCB MAIN AS

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
1	PVACPSS119	ACCESSORY AS	DVST7L1S-AQ		A1400	97S0904310	PLATE CONNECT-H	SECC T1.0	
D001	97P9560050	MANUAL OWNERS	SECAM-L MODEL		A1500	97SA319410	REEL BRKT TOTAL AS	T2-MECHA	
D002	97P861RP10	CABLE RF	PAL 1.0M		A1501	7274300511	SCREW TAPPTITE	TT3 RND 3X5 MFZN	
D003	97P0424100	COVER ACCESSORY	LD-PE T0.1		A1700	97S5500400	BELT REEL	CR68	
D008	97P882T912	CABLE RCA	SCART-SCART 9P 1.2M		A1800	97S2623200	LEVER RELAY	SECC T1.2	
2	PVPKCPD929	PACKING AS	DV-K241DZ-RG/D		A1900	97S2709600	RACK FL	PBT(DY4410GF) NATURAL	
C001	97P4930000	PAD FRONT/BACK	EPS		A2000	97S2708200	GEAR CAM	DERLIN 100	
C002	97P4808500	POLY BAG FOR SET	800*800*T0.5		A2100	97SA317150	PINCH LEVER TOT AS	T-MECHA	
C003	97P5051920	BOX CARTON	409X352X147		A2200	97SA318010	LC BRKT AS	T-MECHA	
C004	47P4502201	LABEL SERIAL A	ART PAPER 2EA ALL MODEL		A2201	7274300611	SCREW TAPPTITE	TT3 RND 3X6 MFZN	
C005	6520010020	STAPPLE	M20		A2400	97SA317310	IDLER PLATE TOT AS	T2-MECHA	
3	PVMCASS119	CHASSIS MAIN AS	DVST7L1S-AQ		A2401	97S3108200	POLYWASHER	D2.6XD6.0X T0.5	
A001	97P0611300	CHASSIS MAIN	HIPS		A2600	97S2909400	TABLE REEL	POM(F20-03) BLACK	
A0011	97P0800602	LEG	PLASTOMER		A2700	97SA317200	TENSION LVR TOT AS	T-MECHA	
A002	97P9340050	LABEL SPEC	PE FILM (SECAM-L MODEL)		A2800	97SA317400	S BRAKE AS	T-MECHA	
A040	97P047840C	COVER TOP	SV3001C		A2900	97SA317510	T BRAKE AS	T2-MECHA	
A041	7173401212	SCREW TAPPTITE	TT2 BIN 4X12 BK		A3000	97S8015000	HEAD FE	HVFHU0030AK	
A060	97P0478600	COVER BOTTOM	SECC T0.4		A3001	7274300811	SCREW TAPPTITE	TT3 RND 3X8 MFZN	
A061	7174301211	SCREW TAPPTITE	TT2 RND 3X12 MFZN		PW01	97P69DB900	CORD POWER AS	EUROPEAN	
D100	97P1R2TAA1	REMOCON HANDSET AS	VR-F2TA		P502A	97P88F0514	CABLE FFC	1.25K K 5P 140MM	
M01	97PP324300	PANEL FRONT AS	T8L1DY		Z001	PVMPMSS119	PCB MAIN MANUAL AS	DVST7L1S-AQ	
M021	7173401211	SCREW TAPPTITE	TT2 BIN 4X12 MFZN		AM01	2193102005	SOLDER BAR	SN:PB-63-37 S63S-1320	
M022	7174301211	SCREW TAPPTITE	TT2 RND 3X12 MFZN		AM02	2193011100	SOLDER WIRE	60 SNA 1.2D	
M1000	PVDKARS86S	VCR DECK AS(T40)	DRS-8600HVP(N82S-C)N/H/C		AM03	2291050305	FLUX LIQUID	RF-800KN	
AD001	97PA283501	DRUM PRICE AS	CYS-T810V		AM04	2291050306	FLUX THINNER	RF-800ADD	
AD002	7001300611	SCREW MACHINE	PAN 3X6 MFZN		AM05	2291140501	WAX COVER	DS-102AN	
AF001	97SA281010	F/LOADING AS	T-MECHA		AM06	97P93B2101	LABEL CD(PCB)	PAPER(13X48) ALL MODEL	
AF002	7274300511	SCREW TAPPTITE	TT3 RND 3X5 MFZN		B001	97P0720400	BOARD ANT	HI-PS(HB)	
AN002	2291131304	GREASE	DELUXE 5221G(NAM-YOUNG)		B001A	7175300812	SCREW TAPPTITE	TT2 FLT 3X8 MFZN BK	
A0100	97SA318100	MAIN BASE AS	T-MECHA		C801	CL2EE3104M	C LINE ACROSS	AC 275V 0.1MF M PCX2 335M	
A011	97P93B2102	LABEL CD(DECK)	PAPER(13X56) ALL MODEL		C802	CH1TFB101K	C CERA AC	4.0KV 100PF K AD AC250V	
A0200	97SA316500	S SLANT POLE AS	T-MECHA		C803	CH1TFC222M	C CERA AC	4.0KV 2200PF M AD AC250V	
A0300	97SA316600	T SLANT POLE AS	T-MECHA		C804	CH1CEE472M	C CERA AC	2.5KV 4700PF M DE AC250V	
A0400	97S8102100	MOTOR CAPSTAN	F2QSB-53(PWM)		C805	CEXF2G470V	C ELECTRO	400V RSS 47MF 16X25	②
A0401	97S3102000	SCREW TAPPTITE	TT2 BIN-P 2.6X7 MFZN		C821	CEXX1E681L	C ELECTRO	25V 680UF KXL	
A0600	97SA320500	AC HEAD AS	T-MECHA		C822	CEXX1E881L	C ELECTRO	25V 680UF KXL	
B0810	97S8009900	HEAD AC	HVMXB1000AK		D821	D31DQ06-F	DIODE SCHOTTKY	31DQ06-FC5	②
A0601	7051300611	SCREW MACHINE	PAN 3X6 SW MFZN		D822	DS2L20U-F	DIODE	S2L20U 4004 P15	②
A1000	97SA316800	L LOADING AS	T-MECHA		H501	1TS0P2238W	IC UNIT R/RECEIVER	TS0P2238WE1	②
A1100	97SA316900	R LOADING AS	T-MECHA		H502	DT4M1D---	LED DISPLAY	T4M1D-0DM-H027-MONO	②
A1200	97S2709500	RACK LOADING	SECC T1.2		IC502	1KA3082--	IC DRIVER	KA3082B	②
A1201	7008301911	SCREW MACHINE	WAS M3*19 MFZN		IC803	1TCET1103G	IC PHOTO COUPLER	TCET1103G(K643PG)4P DIP	②

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
JK601	97P6313300	JACK DOUBLE SCART	DSAM-9621		C252	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
JK605	97P6314900	JACK PIN	DPAM-9825		C253	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
JK606	97P6316000	JACK PIN	DPAE-9930		C254	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
L801	5PLFSF212A	FILTER LINE	SF-2120A		C255	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
L802	5PLFSF212A	FILTER LINE	SF-2120A		C256	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
M401	97P0478200	CASE SHI PREAMP	ET T0.4		C257	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
M801	97P0974300	PLATE EARTH-P	ET T=0.4		C258	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012	
P201	97P62Y1318	CONN WAFER	DVW250 PLUG 2.5MM 8P		C263	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608	
P202	97P62T14B2	CONN HOUSING	TMC-EX-B1 RECEP 2.0MM 2P		C266	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608	
P401	97P62G06DA	CONN HOUSING	GF120 FPC 1.25MM 10P		C267	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608	
P501	97P62T1528	CONN B/B	TMC-JP-A1 PLUG 2.0MM 8P		C268	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608	
P502	97P62G06D5	CONN HOUSING	GF120R FPC 1.25MM 5P		C269	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
P503	97P6269100	CONN WAFER	00-8283-0712-00000		C271	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
P801	97P62Y02X2	CONN WAFER	YFW800 STR 10MM 2P		C277	HCBK682KBA	C CHIP CERA	50V X7R 6800PF K 1608	
Q801	TKSC5027FR	TR	KSC5027FR	⑧	C282	HCBK122KBA	C CHIP CERA	50V X7R 1200PF K 1608	
RF101	97P7616000	TUNER 3 IN 1	LGTMI-SL1-S	⑧	C285	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
R588	RS02F100JS	R M-OXIDE FILM	2W 10 OHM J SMALL	⑧	C286	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
R802	RW02B229J-	R WIRE WOUND	2W 2.2 OHM J		C293	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608	
R809	RS02F104JS	R M-OXIDE FILM	2W 100K OHM J SMALL		C307	HCQK270JBA	C CHIP CERA	50V CH 27PF J 1608	
R826	RS01F621J-	R M-OXIDE FILM	1W 820 OHM J		C309	HCQK509CBA	C CHIP CERA	50V CH 5PF C 1608	
SW501	5S10104100	SW MODE	MMS00400ZMB0		C310	HCQK391JBA	C CHIP CERA	50V CH 390PF J 1608	
SW610	5SD0101100	SW DETE	MXS00921MPC0		C312	HCQK201JBA	C CHIP CERA	50V CH 200PF J 1608	
S503	97P0S02500	SENSOR REEL	RPI-303	⑧	C314	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608	
S504	97P0S02500	SENSOR REEL	RPI-303		C315	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
T801	57M8282215	TRANS SMPS	TSW-K821D	⑧	C316	HCQK561JBA	C CHIP CERA	50V CH 560PF J 1608	
X051	5XJ18R4LAE	CRYSTAL QUARTZ	HC-49/S 18.43200MHZ 30PP	⑧	C317	HCQK131JBA	C CHIP CERA	50V CH 130PF J 1608	
X501	5XJ16R0LAE	CRYSTAL QUARTZ	HC-49/S 16.00000MHZ 30PPM		C321	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
X503	5XJ17R7LAD	CRYSTAL QUARTZ	HC-49/S 17.73447MHZ 25PPM		C324	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
11	PVMPJS119	PCB MAIN CHIP AS	DVST7L1S-AQ		C327	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C007	HCQK101JBA	C CHIP CERA	50V CH 100PF J 1608		C329	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C012	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		C331	HCFK105ZCA	C CHIP CERA	50V Y5V 1MF Z 2012	⑧
C014	HCLK101JCA	C CHIP CERA	50V SL 100PF J 2012		C332	HCFK105ZCA	C CHIP CERA	50V Y5V 1MF Z 2012	⑧
C017	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608		C333	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C018	HCBK332KBA	C CHIP CERA	50V X7R 3300PF K 1608		C334	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C051	HCQK390JBA	C CHIP CERA	50V CH 39PF J 1608		C337	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C052	HCQK209CBA	C CHIP CERA	50V CH 2PF C 1608		C339	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C053	HCQK209CBA	C CHIP CERA	50V CH 2PF C 1608		C343	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C056	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C345	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
C058	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C347	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608	
C060	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C348	HCFH473ZBA	C CHIP CERA	25V Y5V 0.047MF Z 1608	
C062	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C349	HCQK750JBA	C CHIP CERA	50V CH 75PF J 1608	
C153	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		C350	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C157	HCFH563ZBA	C CHIP CERA	25V Y5V 0.056MF Z 1608		C351	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C161	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608		C355	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608	
C213	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C364	HCQK241JBA	C CHIP CERA	50V CH 240PF J 1608	
C216	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		C366	HCQK681JBA	C CHIP CERA	50V CH 680PF J 1608	
C217	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		C372	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608	
C239	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		C373	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608	
C251	HCFH474ZCA	C CHIP CERA	25V Y5V 0.47MF Z 2012		C374	HCQK151JBA	C CHIP CERA	50V CH 150PF J 1608	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
C379	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		D801	DDB105S-C	DIODE BRIDGE	DB105S CHIP	②
C381	HCQK221JBA	C CHIP CERA	50V CH 220PF J 1608		IC051	1MSP3417DQ	IC NICAM	MSP3417D-QG	②
C382	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608		IC151	1LC74793-	IC VPS(PDC)	LC74793	②
C383	HCQK750JBA	C CHIP CERA	50V CH 75PF J 1608		IC251	1TDA9605H-	IC HI-FI	TDA9605H	②
C401	HCQK510JBA	C CHIP CERA	50V CH 51PF J 1608		IC301	1LA71598M-	IC A/V 1 CHIP	LA71598M OR SM	②
C403	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		IC361	1LA7358M-	IC SECAM.L	LA7358M(30PIN SOP)	②
C404	HCQK510JBA	C CHIP CERA	50V CH 51PF J 1608		IC501	168KT83JTS	IC MICOM	M37760M8H-1B8GP	②
C504	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		IC503	14ATM24S16	IC EPROM	AT24C16N-10SC	②
C506	HCQK201JBA	C CHIP CERA	50V CH 200PF J 1608		IC601	1MM1443XJ	IC AV SW	MM143XJ	②
C509	HCBK222KBA	C CHIP CERA	50V X7R 2200PF K 1608		L607	HLX1210001	BEAD CHIP	TB201209Z121	②
C510	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		L608	HLX1210001	BEAD CHIP	TB201209Z121	
C513	HCBK102KBA	C CHIP CERA	50V X7R 1000PF K 1608		L611	HLX1210001	BEAD CHIP	TB201209Z121	
C514	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		Q302	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	②
C516	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		Q305	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C527	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		Q306	T2SA1037KB	TR CHIP	2SA1037K-T146-R	
C528	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		Q307	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C529	HRFS000-BA	R CHIP	1/16 0 OHM 1608		Q308	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C531	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		Q309	T2SA1037KB	TR CHIP	2SA1037K-T146-R	②
C532	HCQK120JBA	C CHIP CERA	50V CH 12PF J 1608		Q330	T2SA1037KB	TR CHIP	2SA1037K-T146-R	
C533	HCQK120JBA	C CHIP CERA	50V CH 12PF J 1608		Q331	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C534	HCQK100JBA	C CHIP CERA	50V CH 10PF J 1608		Q362	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C535	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		Q363	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C536	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		Q401	T2SC2412KB	TR CHIP	2SC2412K-T146-BR	
C537	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ001	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C542	HCFH104ZBA	C CHIP CERA	25V Y5V 0.1MF Z 1608		RJ251	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C543	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ281	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C545	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ301	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C550	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ381	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C612	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ362	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C613	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ401	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C614	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		RJ501	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C615	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		RJ502	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C616	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608		RJ503	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C625	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		RJ504	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C626	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608		RJ505	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C627	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ541	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C628	HCFH223ZBA	C CHIP CERA	25V Y5V 0.022MF Z 1608		RJ543	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C630	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ544	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C631	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		RJ545	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C632	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608		RJ601	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C633	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608		RJ604	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C634	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608		RJ605	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C635	HRFS000-BA	R CHIP	1/16 0 OHM 1608		RJ606	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C640	HCQK201JBA	C CHIP CERA	50V CH 200PF J 1608		RJ608	HRF8000-EA	R CHIP	1/8 0 OHM 3216	
C809	HCBK472KCA	C CHIP CERA	50V X7R 4700PF K 2012		RJ644	HRFS000-BA	R CHIP	1/16 0 OHM 1608	
C810	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012		R007	HRFS223JBA	R CHIP	1/16 22K OHM J 1608	
C811	HCBK473KCA	C CHIP CERA	50V X7R 0.047MF K 2012		R008	HRFS163JBA	R CHIP	1/16 16K OHM J 1608	
C827	HCFH683ZBA	C CHIP CERA	25V Y5V 0.068MF Z 1608		R055	HRFS562JBA	R CHIP	1/16 5.6K OHM J 1608	
C831	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608		R056	HRFS562JBA	R CHIP	1/16 5.6K OHM J 1608	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
R152	HRFS103JBA	R CHIP	1/16 10K OHM J 1608		R404	HRFS473JBA	R CHIP	1/16 47K OHM J 1608	
R153	HRFS562JBA	R CHIP	1/16 5.6K OHM J 1608		R409	HRFS272JBA	R CHIP	1/16 2.7K OHM J 1608	
R155	HRFS182JBA	R CHIP	1/16 1.8K OHM J 1608		R503	HRFS223JBA	R CHIP	1/16 22K OHM J 1608	
R203	HRFS334JBA	R CHIP	1/16 330K OHM J 1608		R507	HRFS332JBA	R CHIP	1/16 3.3K OHM J 1608	
R210	HRFS134JBA	R CHIP	1/16W 130K OHM J 1068		R544	HRFS511JBA	R CHIP	1/16W 510 OHM J 1608	
R218	HRFS392JBA	R CHIP	1/16 3.9K OHM J 1608		R545	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R219	HRFS682JBA	R CHIP	1/16 6.8K OHM J 1608		R546	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R227	HRFS181JBA	R CHIP	1/16 180 OHM J 1608		R549	HRFS102JBA	R CHIP	1/16 1K OHM J 1608	
R232	HRFS183JBA	R CHIP	1/16 18K OHM J 1608		R550	HRFS182JBA	R CHIP	1/16 1.8K OHM J 1608	
R251	HRFS335JBA	R CHIP	1/16 3.3M OHM J 1608		R551	HRFS222JBA	R CHIP	1/16 2.2K OHM J 1608	
R256	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		R552	HRFS561JBA	R CHIP	1/16 560 OHM J 1608	
R257	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		R553	HRFS551JBA	R CHIP	1/16 560 OHM J 1608	
R258	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		R560	HRFS102JBA	R CHIP	1/16 1K OHM J 1608	
R259	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		R562	HRFS273JBA	R CHIP	1/16 27K OHM J 1608	
R260	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		R563	HRFS273JBA	R CHIP	1/16 27K OHM J 1608	
R261	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		R565	HRFS201JBA	R CHIP	1/16 200 OHM J 1608	
R262	HRFS680JBA	R CHIP	1/16 68 OHM J 1608		R581	HRFS104JBA	R CHIP	1/16 100K OHM J 1608	
R263	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608		R583	HRFT431JCA	R CHIP	1/10 430 OHM J 2012	
R266	HRFS333JBA	R CHIP	1/16 33K OHM J 1608		R585	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R270	HRFS333JBA	R CHIP	1/16 33K OHM J 1608		R587	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R271	HRFS470JBA	R CHIP	1/16 47 OHM J 1608		R589	HRFS473JBA	R CHIP	1/16 47K OHM J 1608	
R302	HRFS273JBA	R CHIP	1/16 27K OHM J 1608		R593	HRFS103JBA	R CHIP	1/16 10K OHM J 1608	
R310	HRFS272JBA	R CHIP	1/16 2.7K OHM J 1608		R606	HRFS750JBA	R CHIP	1/16W 75 OHM J 1608	
R312	HRFS472JBA	R CHIP	1/16 4.7K OHM J 1608		R611	HRFS750JBA	R CHIP	1/16W 75 OHM J 1608	
R313	HRFS152JBA	R CHIP	1/16 1.5K OHM J 1608		R617	HRFS151JBA	R CHIP	1/16 150 OHM J 1608	
R316	HRFS563JBA	R CHIP	1/16 56K OHM J 1608		R618	HRFS470JBA	R CHIP	1/16 47 OHM J 1608	
R319	HRFS105JBA	R CHIP	1/16 1M OHM J 1608		R619	HRFS470JBA	R CHIP	1/16 47 OHM J 1608	
R320	HRFS471JBA	R CHIP	1/16 470 OHM J 1608		12	PVMPJRS119	PCB MAIN RADIAL AS	DVST7L1S-AQ	
R322	HRFS155JBA	R CHIP	1/16 1.5M OHM J 1608		C004	CEXF1A101A	C ELECTRO	10V RSM 100MF 6.3X7	
R324	HRFS202JBA	R CHIP	1/16 2K OHM J 1608		C013	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	®
R325	HRFS392JBA	R CHIP	1/16 3.9K OHM J 1608		C015	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
R326	HRFS102JBA	R CHIP	1/16 1K OHM J 1608		C016	CEXF1H228A	C ELECTRO	50V RSM 0.22MF (4X7)	
R327	HRFS272JBA	R CHIP	1/16 2.7K OHM J 1608		C055	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R328	HRFS102JBA	R CHIP	1/16 1K OHM J 1608		C057	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R329	HRFS822JBA	R CHIP	1/16 8.2K OHM J 1608		C059	CEXF1H339A	C ELECTRO	50V RSM 3.3MF 4X7	
R330	HRFS102JBA	R CHIP	1/16 1K OHM J 1608		C061	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R331	HRFS103JBA	R CHIP	1/16 10K OHM J 1608		C063	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
R332	HRFS103JBA	R CHIP	1/16 10K OHM J 1608		C064	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R349	HRFS101JBA	R CHIP	1/16 100 OHM J 1608		C065	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R350	HRFS331JBA	R CHIP	1/16 330 OHM J 1608		C066	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R362	HRFS272JBA	R CHIP	1/16 2.7K OHM J 1608		C088	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
R366	HRFS752JBA	R CHIP	1/16 7.5K OHM J 1608		C151	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
R367	HRFS103JBA	R CHIP	1/16 10K OHM J 1608		C152	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
R368	HRFS203JBA	R CHIP	1/16 20K OHM J 1608		C154	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
R371	HRFS102JBA	R CHIP	1/16 1K OHM J 1608		C158	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7	
R372	HRFS513JBA	R CHIP	1/16 51K OHM J 1608		C201	CMXM2A103J	C MYLAR	100V 0.01MF J (TP)	
R373	HRFS183JBA	R CHIP	1/16 18K OHM J 1608		C202	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)	
R374	HRFS912JBA	R CHIP	1/16 9.1K OHM J 1608		C203	CCXB1H122K	C CERA	50V B 1200PF K (TAPPING)	
R375	HRFS822JBA	R CHIP	1/16 8.2K OHM J 1608		C204	CCXB1H122K	C CERA	50V B 1200PF K (TAPPING)	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
C205	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C375	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C208	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C376	CMXM2A222J	C MYLAR	100V 2200PF J (TP)	
C210	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C377	CEXF1H229A	C ELECTRO	50V RSM 2.2MF (4X7) TP	
C212	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7		C378	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C214	CMXM2A222J	C MYLAR	100V 8200PF J (TP)		C402	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C218	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C405	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
C219	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C406	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C220	CCXB1H391K	C CERA	50V B 390PF K (TAPPING)		C502	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C222	CMXM2A183J	C MYLAR	100V 0.018MF J (TP)		C503	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C223	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7		C505	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP	
C225	CMXM2A223J	C MYLAR	100V 0.022MF J TP		C508	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C259	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C511	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C260	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C512	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7	
C261	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C515	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C262	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C522	CEXF1C221V	C ELECTRO	16V RSS 220MF (8X11.5) TP	
C264	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C523	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	
C265	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C525	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C270	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C540	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C272	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C544	CEXF1E470V	C ELECTRO	25V RSS 47MF (5X11) TP	
C273	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C608	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7	
C274	CEXF1H229A	C ELECTRO	50V RSM 2.2MF (4X7) TP		C609	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7	
C275	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C610	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7	
C276	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C611	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C278	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C618	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	
C279	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C619	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7	
C281	CBXF1H104Z	C CERA SEMI	50V F 0.1MF Z (TAPPING)		C620	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	
C283	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C622	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)	
C291	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C806	CEXF2C109V	C ELECTRO	160V RSS 1MF (6.3X11) TP	
C292	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C807	CBXB3A101K	C CERA SEMI	1KV RR 100PF K	
C301	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7		C808	CMXL2G333K	C MYLAR	400V MEU 0.033MF K	
C302	CCXF1H473Z	C CERA	50V F 0.047MF Z (TAPPING)		C823	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C303	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C824	CEXF1E221V	C ELECTRO	25V RSS 220MF (8X11.5) TP	
C305	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C825	CEXF1J220L	C ELECTRO	63V 22UF KXL	
C311	CEXF1H339A	C ELECTRO	50V RSM 3.3MF 4X7		C826	CEXF1H100A	C ELECTRO	50V RSM 10MF (5X7) TP	
C318	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		C828	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C319	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)		C829	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C322	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		C830	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP	
C326	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		C833	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5	
C328	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		F801	5FWPS2022L	FUSE PLASTIC TUBE	WRL 2A 250V TL LT-5, SR-5	IR
C330	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		IC802	1KA431AZ-	IC REGULATOR	KA431AZ	IR
C338	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		L001	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	
C340	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP		L002	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	
C342	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		L051	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	
C344	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		L052	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	
C346	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		L053	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)	
C362	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP		L201	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	
C365	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7		L202	5CPX820J-	COIL PEAKING	82UH J (RADIAL)	
C368	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7		L250	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	
C370	CEXF1H478A	C ELECTRO	50V RSM 0.47MF 4X7		L251	5CPX101J2T	COIL PEAKING	100UH(BRN-BRN)	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
L301	5CPX560J-	COIL PEAKING	56UH J (RADIAL)		SW502	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L302	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		SW503	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L303	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		SW504	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L305	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		SW505	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L306	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		SW506	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L361	5CPX270J-	COIL PEAKING	27UH J (RADIAL)		SW507	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L362	5CPX221J2T	COIL PEAKING	220UH(RED-BRN)		SW508	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L363	5CPX680J2T	COIL PEAKING	68UH(BLU-BLK)		SW509	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO	
L364	5CPX689J2T	COIL PEAKING	6.8UH(BLU —)		X301	5XE4R433TB	CRYSTAL QUARTZ	HC-49/U 4.433619MHZ 15PPM	
L365	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		13	PVMPJAS119	PCB MAIN AXIAL AS	DVST7L1S-AQ	
L401	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		AM31	2TM1456000	TAPE MASKING	SI-802	
L501	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		AM31A	2TM110620R	TAPE MASKING	SI-800N RED	
L502	5CPX100J2T	COIL PEAKING	10UH(BRN-BLK)		AM31B	2TM1106200	TAPE MASKING	SI-800N	
L503	5CPX680J2T	COIL PEAKING	68UH(BLU-BLK)		C002	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
L821	56C220K695	COIL CHOKE(CAP TYPE)	22UH K (CAP TYPE) 9X11.1		C005	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
L823	5CPX560J-	COIL PEAKING	56UH J (RADIAL)		C054	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q001	TZRC104M-	TR	KRC104M AUTO		C067	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q002	TZTA1273Y-	TR	KTA1273Y(966Y)		C159	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q201	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C160	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q202	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C206	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q203	TZTC3202Y-	TR	KTC3202Y (AUTO)(1959Y)		C209	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q204	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C304	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q205	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C308	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q206	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C323	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q301	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C325	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q361	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C335	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q364	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C336	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q506	TZTC3203Y-	TR	KTC3203Y (2120Y)	⑧	C341	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q507	TZTC3203Y-	TR	KTC3203Y (2120Y)		C353	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q508	TZTC3203Y-	TR	KTC3203Y (2120Y)		C361	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z	
Q509	TZTC3203Y-	TR	KTC3203Y (2120Y)		C363	CBZP1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	
Q510	TZTC3203Y-	TR	KTC3203Y (2120Y)		C367	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q511	TZTC3203Y-	TR	KTC3203Y (2120Y)		C369	CCZB1H102K	C CERA	50V B 1000PF K AXIAL	
Q512	TZTC3203Y-	TR	KTC3203Y (2120Y)		C371	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q513	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C501	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q514	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C507	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q515	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C517	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q516	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C518	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q517	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C520	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q518	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C521	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q519	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C526	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q520	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C538	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q521	TZTA1266Y-	TR	KTA1266Y- (AUTO)(1015Y)		C539	CCZB1H102K	C CERA	50V B 1000PF K AXIAL	
Q804	TZRC102M-	TR	KRC102M(KEC)		C541	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q802	TZTC3203Y-	TR	KTC3203Y (2120Y)		C546	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q821	TZTC3205Y-	TR	KTC3205Y (2236Y)		C547	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M	
Q822	TZTC3205Y-	TR	KTC3205Y (2236Y)		C548	CBZP1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	
Q823	TZTA1273Y-	TR	KTA1273Y(966Y)		C551	CBZP1E223Z	C CERA SEMI	25V Y5V 0.022MF Z	
Q825	TZTC3198Y-	TR	KTC3198Y-(1815Y) (AUTO)		C690	CCZB1H331K	C CERA	50V B 330PF K	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
C691	CCZB1H331K	C CERA	50V B 330PF K		D827	DZUZ13BSB-	DIODE ZENER	UZ-13BSB(12.59-13.16V)	
C832	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M		D828	DZN4003—	DIODE	IN4003(DAEBO)	
D001	DZN4148—	DIODE	1N4148 AUTO 52MM		JP013	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D003	DZN4003—	DIODE	IN4003(DAEBO)		JP014	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D004	DZN4003—	DIODE	IN4003(DAEBO)		JP020	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D201	DZN4148—	DIODE	1N4148 AUTO 52MM		JP023	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D301	DZN4148—	DIODE	1N4148 AUTO 52MM		JP024	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D362	DZN4148—	DIODE	1N4148 AUTO 52MM		JP041	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D504	DZN4148—	DIODE	1N4148 AUTO 52MM		JP054	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D508	DZN4148—	DIODE	1N4148 AUTO 52MM		JP055	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D509	DZN4148—	DIODE	1N4148 AUTO 52MM		JP056	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D510	DZN4148—	DIODE	1N4148 AUTO 52MM		JP057	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D514	DZN4148—	DIODE	1N4148 AUTO 52MM		JP060	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D515	DZN4003—	DIODE	IN4003(DAEBO)		JP062	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D516	DZUZ6R2BSC	DIODE ZENER	UZ-6.2BSC(6.16-6.40)		JP063	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D517	DZN4148—	DIODE	1N4148 AUTO 52MM		JP066	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D518	DZN4003—	DIODE	IN4003(DAEBO)		JP070	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D519	DZN4003—	DIODE	IN4003(DAEBO)		JP074	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D520	DZN4148—	DIODE	1N4148 AUTO 52MM		JP075	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D521	DZN4148—	DIODE	1N4148 AUTO 52MM		JP076	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D522	DZN4148—	DIODE	1N4148 AUTO 52MM		JP077	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D523	DZ7ZRSBM—	DIODE ZENER	UZ-7.5BM		JP081	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D525	DZN4148—	DIODE	1N4148 AUTO 52MM		JP086	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D526	DZN4148—	DIODE	1N4148 AUTO 52MM		JP087	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D527	DZN4148—	DIODE	1N4148 AUTO 52MM		JP089	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D528	DZN4148—	DIODE	1N4148 AUTO 52MM		JP094	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D529	DZN4003—	DIODE	IN4003(DAEBO)		JP095	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D550	DZN4148—	DIODE	1N4148 AUTO 52MM		JP102	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D603	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP105	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D604	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP108	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D610	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP111	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D611	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP123	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D612	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP129	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D613	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP140	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D619	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP147	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D621	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP159	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D622	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP235	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D623	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP266	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D624	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP269	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D627	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP271	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D628	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		JP272	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D805	DZEG01C—	DIODE	EG01C		JP280	85801060TA	WIRE COPPER	0.6X52MM TAPING	
D806	DZN4003—	DIODE	IN4003(DAEBO)		L151	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)	
D807	DZUZ3R0BSB	DIODE ZENER	UZ-3.0BSB(3.01-3.22V)		L311	5CPZ100K02	COIL PEAKING	10UH K (AXIAL 3.5MM)	
D808	DZN4148—	DIODE	1N4148 AUTO 52MM		L602	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D823	DZGDZP16B-	DIODE ZENER	GDZP16B1	(R)	L604	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D824	D1SS244—	DIODE	1SS244		L605	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D825	DZUZ33BSB-	DIODE ZENER	UZ-33BSB(30.32-31.38V)		L606	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)	
D826	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)		L609	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
L610	RD-AZ301J-	R CARBON FILM	1/6 300 OHM J		R278	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
L612	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)		R301	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J	
L613	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)		R303	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
L803	5PB13857-	COIL BEAD	Bi3857(AXIAL)	®	R304	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
L822	5PB13857-	COIL BEAD	Bi3857(AXIAL)	®	R305	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J	
R004	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R306	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R005	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		R307	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J	
R006	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		R308	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J	
R009	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R309	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R010	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R311	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R051	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R314	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R052	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R315	RD-AZ152J-	R CARBON FILM	1/6 1.5K OHM J	
R054	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R317	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R154	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R318	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R201	RD-AZ822J-	R CARBON FILM	1/6 8.2K OHM J		R321	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J	
R202	RD-AZ133J-	R CARBON FILM	1/6 13K OHM J		R333	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R204	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J		R335	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R205	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J		R357	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J	
R206	RD-AZ122J-	R CARBON FILM	1/6 1.2K OHM J		R361	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J	
R209	RD-AZ225J-	R CARBON FILM	1/6 2.2M OHM J		R363	RD-AZ243J-	R CARBON FILM	1/6 24K OHM J	
R211	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J		R369	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R214	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J		R370	RD-AZ513J-	R CARBON FILM	1/6 51K OHM J	
R215	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R376	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R216	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R377	RD-AZ154J-	R CARBON FILM	1/6 150K OHM J	
R217	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R403	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R221	RD-AZ123J-	R CARBON FILM	1/6 12K OHM J		R405	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
R222	RD-AZ223J-	R CARBON FILM	1/6 22K OHM J		R406	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
R223	RD-AZ822J-	R CARBON FILM	1/6 6.2K OHM J		R407	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R225	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J		R408	RD-AZ333J-	R CARBON FILM	1/6 33K OHM J	
R226	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R504	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R228	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J		R505	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R229	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R506	RD-2Z301JS	R CARBON FILM	1/2 300 OHM J SMALL	®
R230	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R508	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	
R231	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R509	RD-AZ474J-	R CARBON FILM	1/6 470K OHM J	
R233	RD-AZ222J-	R CARBON FILM	1/6 2.2K OHM J		R510	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J	
R234	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R511	RD-AZ121J-	R CARBON FILM	1/6 120 OHM J	
R240	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R513	RD-AZ104J-	R CARBON FILM	1/6 100K OHM J	
R241	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		R514	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R264	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		R515	RD-AZ203J-	R CARBON FILM	1/6 20K OHM J	
R265	85801060TA	WIRE COPPER	0.6X52MM TAPING		R516	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R267	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R517	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R268	RN-AZ3902F	R METAL FILM	1/6 39K OHM F		R518	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J	
R269	RD-AZ272J-	R CARBON FILM	1/6 2.7K OHM J		R519	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R272	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R520	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R273	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R521	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R274	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R522	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R275	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J		R523	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R276	RD-AZ183J-	R CARBON FILM	1/6 18K OHM J		R524	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	
R277	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J		R525	RD-AZ101J-	R CARBON FILM	1/6 100 OHM J	

## ELECTRICAL PARTS LIST

LOC	PART CODE	PART NAME	PART DESC.	REMARK	LOC	PART CODE	PART NAME	PART DESC.	REMARK
R526	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R607	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R527	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R608	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J	
R528	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R609	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R529	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R610	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J	
R530	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R613	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	
R531	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R614	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	
R532	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R615	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J	
R533	RD-AZ430J-	R CARBON FILM	1/6 43 OHM J		R616	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J	
R534	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R631	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
R535	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R632	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J	
R536	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R801	RC-2Z565KP	R CARBON COMP	1/2 5.6M OHM K	
R537	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R803	RD-4Z394JS	R CARBON FILM	1/4 390K OHM J SMALL	⑧
R538	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R804	RD-4Z394JS	R CARBON FILM	1/4 390K OHM J SMALL	⑧
R539	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R805	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J	
R540	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R806	RD-2Z820JS	R CARBON FILM	1/2 82 OHM J SMALL	⑧
R541	RD-AZ182J-	R CARBON FILM	1/6 1.8K OHM J		R807	RD-2Z820JS	R CARBON FILM	1/2 82 OHM J SMALL	⑧
R542	RD-AZ105J-	R CARBON FILM	1/8 1M OHM J		R808	RD-AZ681J-	R CARBON FILM	1/6 680 OHM J	
R547	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J		R821	RD-4Z360JS	R CARBON FILM	1/4 36 OHM J SMALL	⑧
R548	RD-AZ331J-	R CARBON FILM	1/6 330 OHM J		R822	RD-AZ182G-	R CARBON FILM	1/6 1.8K OHM G	⑧
R554	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R823	RD-AZ680J-	R CARBON FILM	1/6 68 OHM J	
R555	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J		R824	RD-AZ470G-	R CARBON FILM	1/6 47 OHM G	⑧
R556	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R825	RD-AZ132G-	R CARBON FILM	1/6 1.3K OHM G	⑧
R557	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R827	RD-4Z622J-	R CARBON FILM	1/4 6.2K OHM J	
R558	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R828	RD-AZ180J-	R CARBON FILM	1/6 18 OHM J	
R559	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		R829	RD-AZ561J-	R CARBON FILM	1/6 560 OHM J	
R561	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		R830	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R564	RD-AZ201J-	R CARBON FILM	1/6 200 OHM J		R831	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J	
R567	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		UM01	97P65281MA	PCB MAIN	330X246X1.6T	
R568	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		14	PVMPJVS119	PCB MAIN J/V ONLY AS	"DVST7L1S-AQ (281MA,HIFI)"	
R569	RD-AZ332J-	R CARBON FILM	1/6 3.3K OHM J		JP003	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R570	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		JP007	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R571	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		JP010	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R572	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP011	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R573	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP015	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R574	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP016	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R575	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP017	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R576	RD-AZ102J-	R CARBON FILM	1/6 1K OHM J		JP019	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R577	RD-AZ472J-	R CARBON FILM	1/6 4.7K OHM J		JP021	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R578	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J		JP022	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R579	RD-AZ221J-	R CARBON FILM	1/6 220 OHM J		JP026	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R580	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP028	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R582	RN-AZ103F-	R METAL FILM	1/6 10K OHM F	⑧	JP029	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R584	RD-AZ473J-	R CARBON FILM	1/6 47K OHM J		JP030	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R586	RD-AZ912J-	R CARBON FILM	1/6 9.1K OHM J		JP031	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R590	RD-AZ393J-	R CARBON FILM	1/6 39K OHM J		JP033	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R591	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J		JP034	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R592	RN-AZ103F-	R METAL FILM	1/6 10K OHM F	⑧	JP037	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R604	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		JP038	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	
R605	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J		JP039	85801065GY	WIRE COPPER	AWG22 1/0.65 TIN COATING	

## **ELECTRICAL PARTS LIST**

## **ELECTRICAL PARTS LIST**

## 2. TABLE OF DIFFERENT PART LIST FOR PCB MAIN AS

## 2-1. HI-FI 1PERI OPTION

LOC.	2PERI			1PERI		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
B001	97P0720400	BOARD ANT	HI-PS(HB)	97P0720200	BOARD ANT	HI-PS(HB)
B001A	7175300812	SCREWW TAPPTITE	TT2 FLT 3X8 MFZN BK			
JK601	97P6313300	JACK DOUBLE SCART	DSAM-9621			
JK602				97P6313400	JACK SCART	DSAM-9622
JK605	97P6314900	JACK PIN	DPAM-9825			
C255	HCFK474ZCA	C CHIP CERA	Y5V 50V 0.47MF Z 2012			
C256	HCFK474ZCA	C CHIP CERA	Y5V 50V 0.47MF Z 2012			
C267	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608			
C268	HCBK392KBA	C CHIP CERA	50V X7R 3900PF K 1608			
C612	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608			
C614	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C616	HCFK223ZBA	C CHIP CERA	50V Y5V 0.022MF Z 1608			
C626	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C628	HCFK223ZBA	C CHIP CERA	50V Y5V 0.022MF Z 1608			
C640	HCQK201JBA	C CHIP CERA	50V CH 200PF J 1608			
IC601	1MM1443XJ-	IC AV SW	MM143XJ			
L608	HLX1210001	BEAD CHIP	TB201209Z121			
RJ601	HRF8000-EA	R CHIP	1/8 0 OHM 3216			
RJ602				HRF8000-EA	R CHIP	1/8 0 OHM 3216
RJ603				HRF8000-EA	R CHIP	1/8 0 OHM 3216
RJ608	HRF8000-EA	R CHIP	1/8 0 OHM 3216			
RJ648				HRFS000-BA	R CHIP	1/16 0 OHM 1608
R260	HRFS680JBA	R CHIP	1/16 68 OHM J 1608			
R261	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608			
R262	HRFS680JBA	R CHIP	1/16 68 OHM J 1608			
R263	HRFS242JBA	R CHIP	1/16 2.4K OHM J 1608			
R322	HRFT155JBA	R CHIP	1/16 1.5M OHM J 1608			
R334				HRFT155JBA	R CHIP	1/16 1.5M OHM J 1608
R560	HRFS102JBA	R CHIP	1/16 1K OHM J 1608			
R611	HRFS750JBA	R CHIP	1/16 75 OHM J 1608			
R617	HRFS151JBA	R CHIP	1/16 150 OHM J 1608			
R618	HRFS470JBA	R CHIP	1/16 47 OHM J 1608			
C264	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7			
C265	CEXF1C100A	C ELECTRO	16V RSM 10MF 4X7			
C608	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP			
C610	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7			
C611	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP			
C619	CEXF1H108A	C ELECTRO	50V RSM 0.1MF 4X7			

## ELECTRICAL PARTS LIST

LOC.	2PERI			1PERI		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
C620	CEXF1A471V	C ELECTRO	10V RSS 470MF 8X11.5			
C622	CEXF1C220A	C ELECTRO	16V RSM 22MF (5X7)			
Q601	TZSR2001-	TR	KSR2001 (AUTO)			
Q602	TZRC104M-	TR	KRC104M AUTO			
Q603	TZRC104M-	TR	KRC104M AUTO			
Q604	TZRC102M-	TR	KRC102M(KEC)			
C320				CCZF1H104Z	C CERA	50V HIKF 0.1MF Z
D603	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D604	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D621	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D622	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D623	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D624	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
JP012				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP013	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP014	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP018				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP025				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP027				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP129	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP158				85801060TA	WIRE COPPER	0.6X52MM TAPING
L604	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)			
L606	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)			
R272	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J			
R273	RD-AZ821J-	R CARBON FILM	1/6 820 OHM J			
R602	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J			
R603	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J			
R607	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J			
R608	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J			
R609	RD-AZ273J-	R CARBON FILM	1/6 27K OHM J			
R610	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J			
R615	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J			
R616	RD-AZ151J-	R CARBON FILM	1/6 150 OHM J			
R631	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J			
R632	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J			

## 2-2. 2HEAD OPTION

LOC.	4HD			2HD		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
P401	97P62G06D7	CONN HOUSING	GF120 FPC 1.25MM 7P	97P62G06D4	CONN HOUSING	GF120 FPC 1.25MM 4P
C404	HCQK510JBA	C CHIP CERA	50V CH 51PF J 1608			
C407	HCQK300JBA	C CHIP CERA	50V CH 30PF J 1608			
C408	HCQK300JBA	C CHIP CERA	50V CH 30PF J 1608			
R406	RD-AZ511J-	R CARBON FILM	1/6 510 OHM J			

## 2-3. PDC OPTION

LOC.	PDC			BASIC		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
C153	HCBK103KBA	C CHIP CERA	50V X7R 0.01MF K 1608			
C157	HCFK563ZBA	C CHIP CERA	50V Y5V 0.056MF Z 1608			
C161	HCQK220JBA	C CHIP CERA	50V CH 22PF J 1608			
IC151	1LC74793--	IC VPS(PDC)	LC74793			
Q309	T2SA1037KB	TR CHIP	2SA1037K-T146-R			
R152	HRFS103JBA	R CHIP	1/16 10K OHM J 1608			
R153	HRFS562JBA	R CHIP	1/16 5.6K OHM J 1608			
R155	HRFS182JBA	R CHIP	1/16 1.8K OHM J 1608			
C151	CEXF1C470A	C ELECTRO	16V RSM 47MF (5X7) TP			
C152	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP			
C154	CEXF1H109A	C ELECTRO	50V RSM 1MF (4X7) TP			
C158	CEXF1H479A	C ELECTRO	50V RSM 4.7MF 4X7			
C159	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M			
C160	CBZP1C103M	C CERA SEMI	16V Y5S 0.01MF M			
JP054	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP055	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP066	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP081	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP102	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP280	85801060TA	WIRE COPPER	0.6X52MM TAPING			
L151	5CPZ569K02	COIL PEAKING	5.6UH K (AXIAL 3.5MM)			
R154	RD-AZ103J-	R CARBON FILM	1/6 10K OHM J			
R357	RD-AZ391J-	R CARBON FILM	1/6 390 OHM J			

## ELECTRICAL PARTS LIST

### 2-4. HI-FI FRONT AV OPTION

LOC.	FRONT AV			BASIC		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
JK606	97P6316000	JACK PIN	DPAZ-9930			
C239	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C257	HCFK474ZCA	C CHIP CERA	Y5V 50V 0.47MF Z 2012			
C258	HCFK474ZCA	C CHIP CERA	Y5V 50V 0.47MF Z 2012			
C293	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C634	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608			
C635	HRFS000-BA	R CHIP	1/16 0 OHM 1608			
C641	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C642	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
L611	HLX1210001	BEAD CHIP	TB201209Z121			
C325	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z			
D614	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D615	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D616	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D617	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D619	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
JP056	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP057	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP060	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP075	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP147	85801060TA	WIRE COPPER	0.6X52MM TAPING			
L612	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)			
L613	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)			
R240	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J			
R241	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J			
R613	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J			

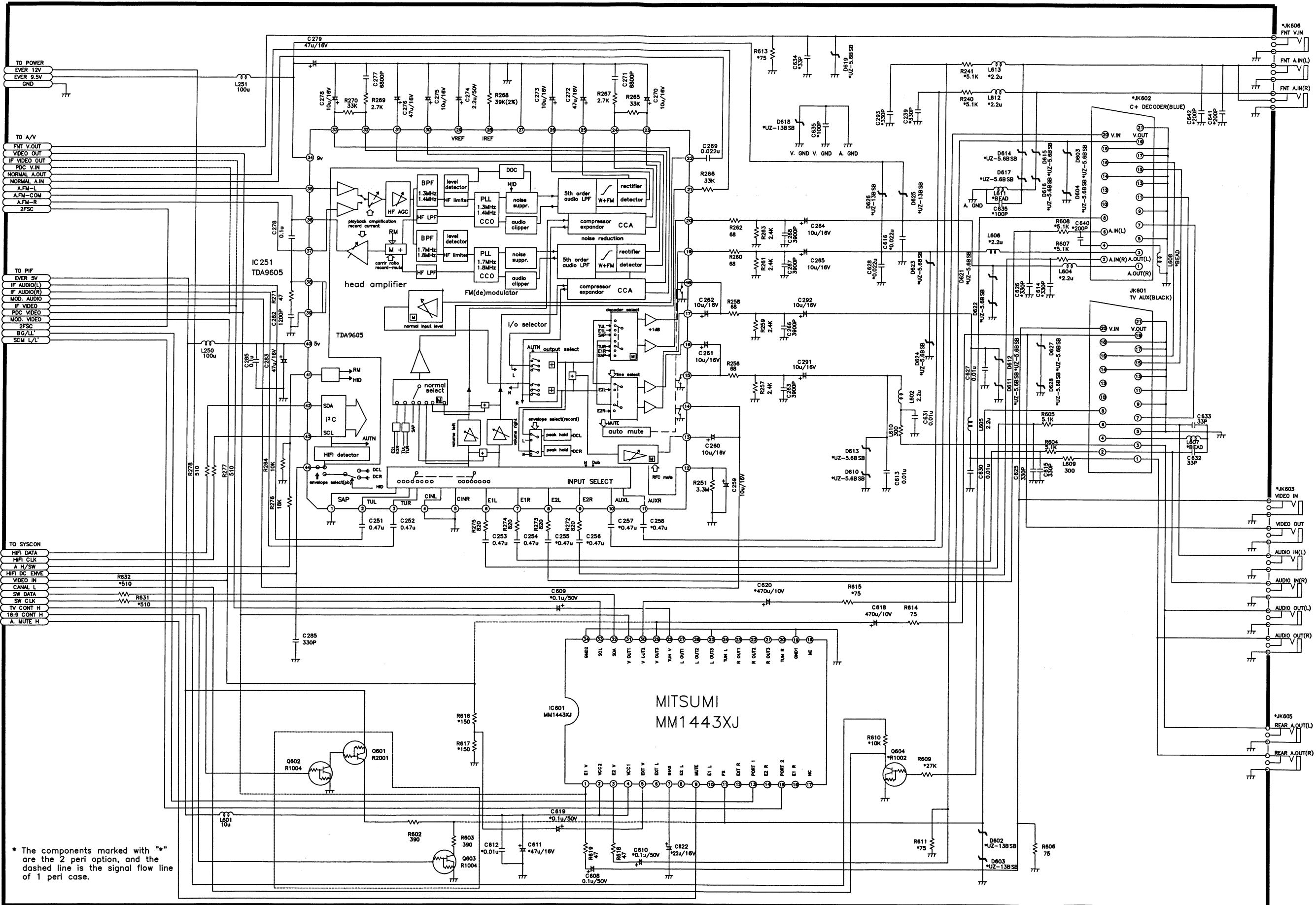
## 2-5. FRONT AV OPTION

LOC.	FRONT AV			BASIC		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
JK606	97P6315900	JACK PIN	DPAE-9931			
C239	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
C634	HCQK330JBA	C CHIP CERA	50V CH 33PF J 1608			
C635	HRFS000-BA	R CHIP	1/16 0 OHM 1608			
C642	HCQK331JBA	C CHIP CERA	50V CH 330PF J 1608			
L611	HLX1210001	BEAD CHIP	TB201209Z121			
R207	HRFS134JBA	R CHIP	1/16W 130K OHM J 1068			
C207	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z			
C325	CCZF1H104Z	C CERA	50V HIKF 0.1MF Z			
D615	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D616	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
D619	DZUZ5R6BSB	DIODE ZENER	UZ-5.6BSB(5.46-5.70V)			
JP056	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP057	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP075	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP147	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP286	85801060TA	WIRE COPPER	0.6X52MM TAPING			
L612	5CPZ229K02	COIL PEAKING	2.2UH K(AXIAL 3.5MM)			
R208	RD-AZ153J-	R CARBON FILM	1/6 15K OHM J			
R240	RD-AZ512J-	R CARBON FILM	1/6 5.1K OHM J			
R613	RD-AZ750J-	R CARBON FILM	1/6 75 OHM J			

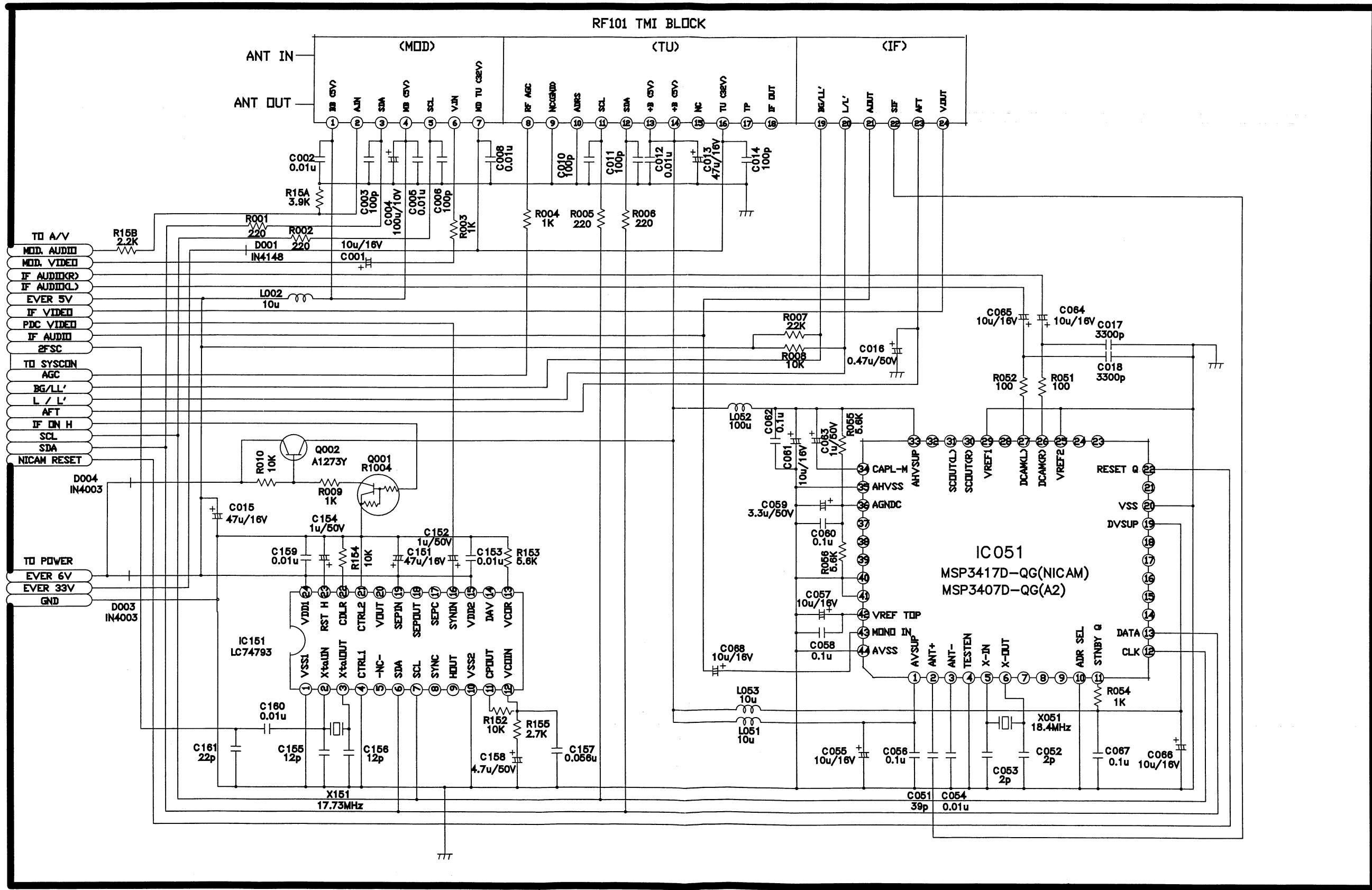
## 2-6. PANEL

No.	Face	Hi-Fi / Mono	B/S, OEM	Front A/V Jack	Rear AudioOut Jack	LED Array Level Meter	Type of KnobLoc- cation	Part-Code (Standard)	Remarks
1	T7C1	MONO	B/S	X	-	-	C	97PP324100	
		Hi-Fi		X	0	X		DV-T7C1D-AQ	
2	T7E1	MONO	B/S	0	-	-	C	97PP323600	
		Hi-Fi		0	0	X		DV-T7E1D-AQ	
3	T7L1	MONO	B/S	0	-	-	B	97PP324300	
		Hi-Fi		0	0	X		DV-T7L1D-AQ	
4	T7M1	MONO	B/S	0	-	-	C	97PP324400	
		Hi-Fi		0	0	X		DV-T7M1D-AQ	
5	T7J1	MONO	OEM	0	-	-	B	97PP324500	
		Hi-Fi		0	0	Option		DV-T7J1D-AQ	
6	T7D1	MONO	OEM	0	-	-	D	97PP323800	
		Hi-Fi		0	0	Option		DV-T7D1D-AQ	
7	T7B1	MONO	OEM	0	-	-	C	97PP323900	
		Hi-Fi		0	0	Option		DV-T7B1D-AQ	
8	K8T1	MONO	OEM	0	-	-	A	97PP322900	
		Hi-Fi		0	0	Option		DV-K8T1D-**	
9	K8W1	MONO	OEM	0	-	-	C	97PP322700	
		Hi-Fi		0	0	Option		DV-K8W1D-AL/I	

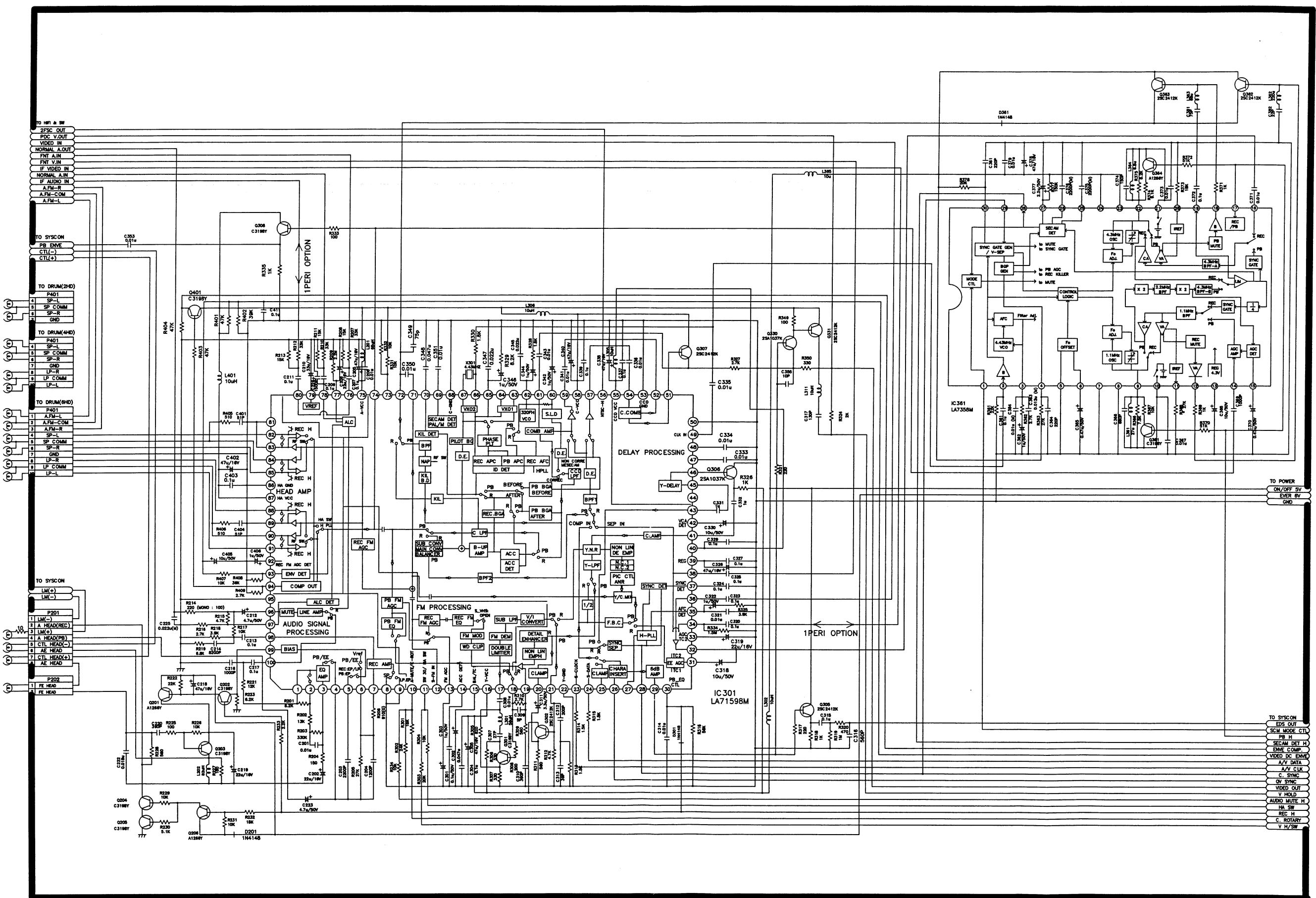
## HIFI&SW CIRCUIT DIAGRAM



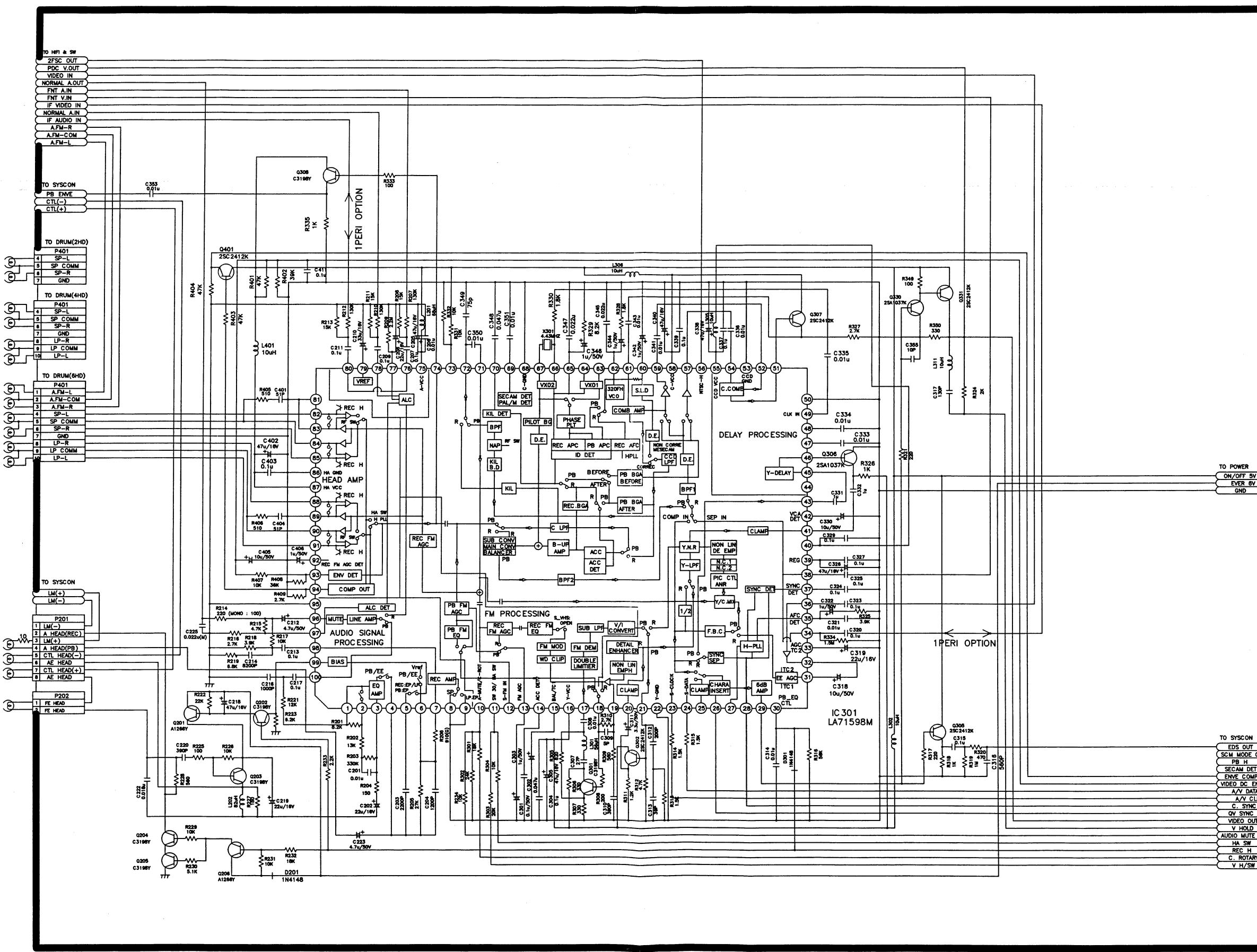
## PIF CIRCUIT DIAGRAM



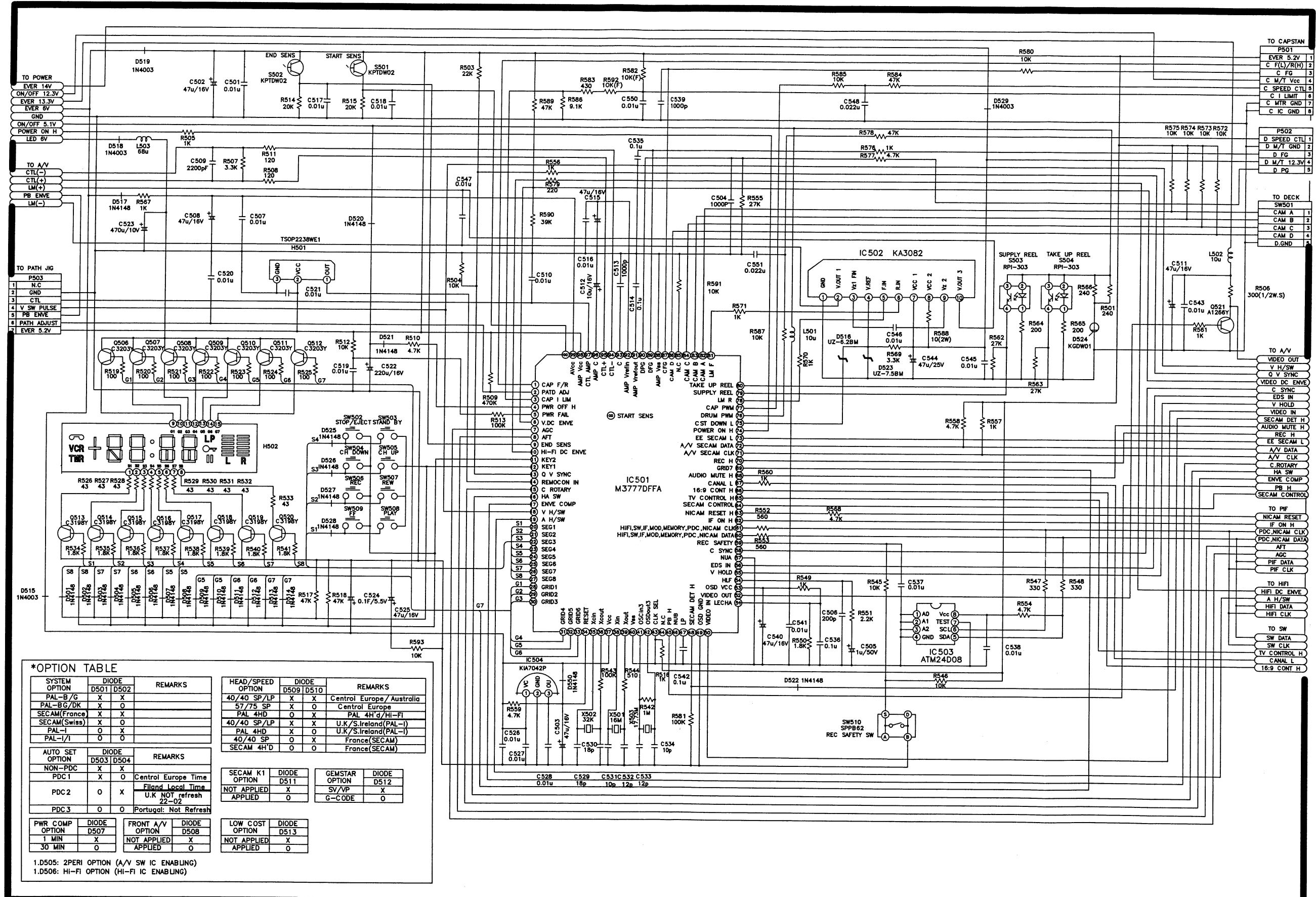
# A/V CIRCUIT DIAGRAM (SECAM)



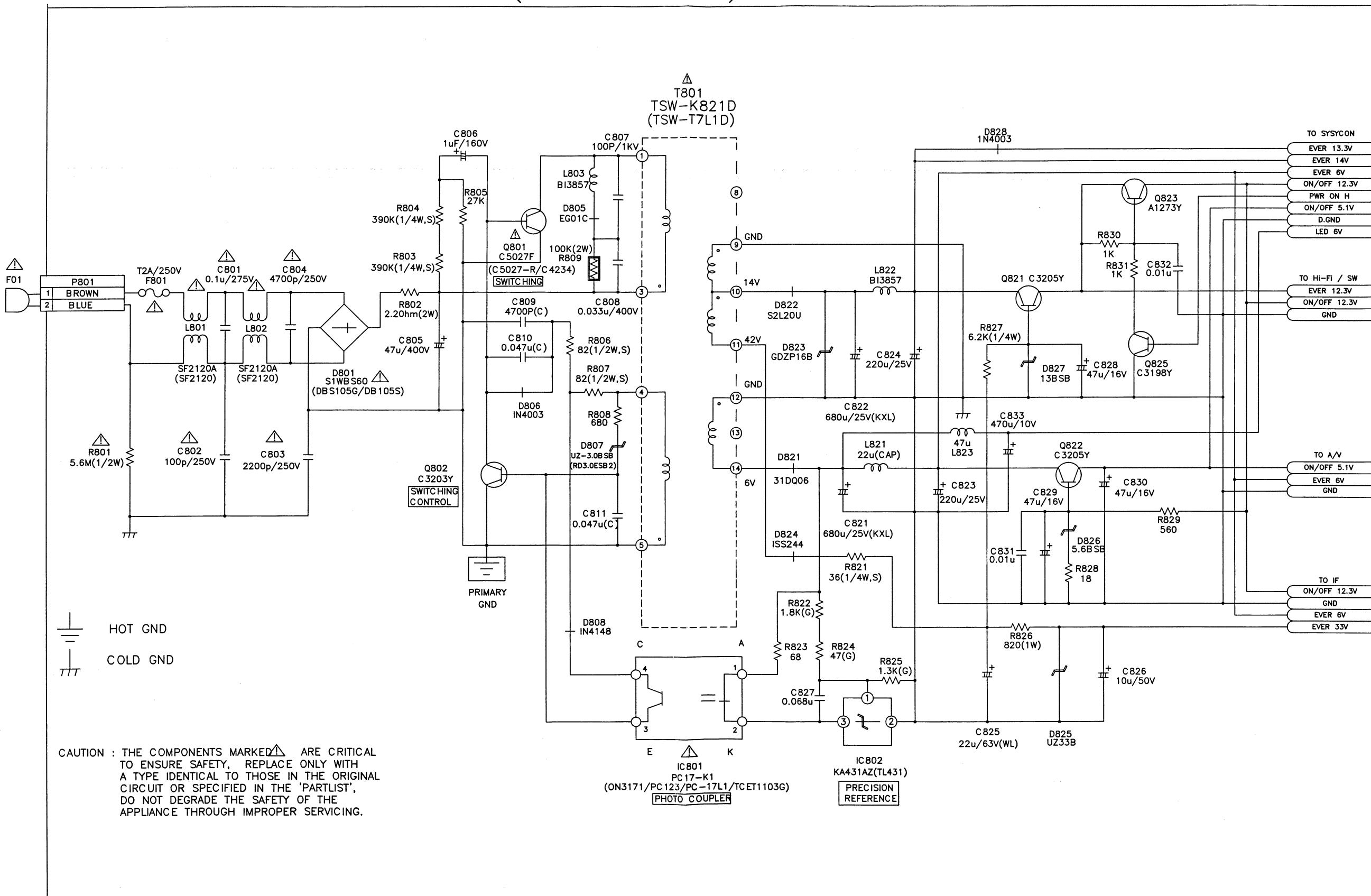
# A/V CIRCUIT DIAGRAM (PAL)



# SYS CON CIRCUIT DIAGRAM



# POWER CIRCUIT DIAGRAM (230V ONLY)



## ELECTRICAL PARTS LIST

### 2-7PANEL OPTION

#### 1) TYPE B => TYPE A

LOC.	TYPE B			TYPE A		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
JP266	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP267				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP268				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP269	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP270				85801060TA	WIRE COPPER	0.6X52MM TAPING
JP271	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP272	85801060TA	WIRE COPPER	0.6X52MM TAPING			
JP273				85801060TA	WIRE COPPER	0.6X52MM TAPING

#### 2) TYPE A => TYPE C

LOC.	TYPE A			TYPE C		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
SW506	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO			
SW507	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO			
SW508	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO			
SW509	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO			
SW06A				5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO
SW07A				5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO
SW08A				5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO
SW09A				5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO

#### 3) TYPE C => TYPE D

LOC.	TYPE C			TYPE D		
	PART-CODE	PART-NAME	PART-DESC.	PART-CODE	PART-NAME	PART-DESC.
RJ541	HRFS000-BA	R CHIP	1/16 0 OHM 1608			
RJ545	HRFS000-BA	R CHIP	1/16 0 OHM 1608			
RJ5D1				HRFS000-BA	R CHIP	1/16 0 OHM 1608
RJ5D2				HRFS000-BA	R CHIP	1/16 0 OHM 1608
SW06A	5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO			
SW507				5S50101Z97	SW TACT	THVV952GBA 9.5M AUTO